

Are you Color Blind? Experience EnChroma Glasses for Color Blindness at

Lyman Allyn Art Museum

in Partnership with the EnChroma Color Accessibility Program

If you're red-green color blind, come try [EnChroma](#) glasses for color blindness and experience more vibrant colors at the Lyman Allyn Art Museum. You can borrow and enjoy EnChroma glasses during your visit as part of our mission of accessibility and inclusivity for all of our members and patrons.

EnChroma glasses enable people with red-green color blindness to see an expanded range of clear, vibrant, distinct color and enjoy enhanced detail and depth perception. Color blindness affects one in 12 men (8%) and one in 200 women (.5%) - an estimated 13 million in the US and 350 million worldwide.

Take EnChroma's online color vision test to learn your type and level of color blindness by [clicking here](#). Then, bring color blind family and friends to borrow the glasses.

Causes and Challenges of Color Blindness

While people with normal color vision see over one million shades of color, those with color vision deficiency only see about 10% those hues and shades. As a result, their world view is dull and less vibrant, with some colors appearing muddled, muted, washed out or indistinguishable. To them, purple looks blue, red seems brown, gray appears pink, and green and yellow can look similar.

The color blind can struggle to see the red in a flower, the variation of colors in a rainbow, a painting, the true hair or eye color of a loved one, red and green stoplights and more. In viewing artwork, the color blind may struggle to see some colors. In school, the condition can cause frustration and challenges in learning. Here are some examples of how the color blind see:

Normal color vision



Color blind view



Willard L. Metcalf, "The Green Meadow", 1919 Oil on canvas.
Virginia Palmer Bequest, Lyman Allyn Art Museum Collection, 1937.4.10





How EnChroma Glasses Work

EnChroma's patented lenses are engineered with special optical filters that enable the color blind to see a broader range of colors more clearly, vibrantly and distinctly so they can experience colorful art, the beauty of nature, overcome everyday challenges and better understand and appreciate colors.

Importantly, EnChroma glasses are not a cure or correction for color blindness, they work for approximately eight out of 10 people with red-green color blindness, do not provide full color vision and results and reaction times vary. [Read this recent study](#) by the University of California, Davis, and [France's INSERM Stem Cell and Brain Research Institute](#), about the effectiveness of EnChroma glasses.

Special Discounts on EnChroma Glasses

When you buy EnChroma glasses, patrons of Lyman Allyn Art Museum will receive a special 10% discount. Remember to type in LYMANALLYN10 in the DISCOUNT CODE area, to trigger the 10% discount.

EnChroma glasses are available in outdoor and indoor lenses that can also be customized for prescription. They range in price from \$189 to \$349 and come in adult and kids' sizes. They can be purchased via EnChroma.com or at nearly 400 Authorized EnChroma Retailer locations throughout the U.S. and worldwide.

Lyman Allyn Art Museum and EnChroma are proud to partner to enable access to more of life's colorful experiences for those with color vision deficiency!

