

Converting Colors

CIELCh(89, 55.414, 178.719)

Have a look what the booklet for
CIELCh(89, 55.414, 178.719)
contains.

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Color

CIELCh(89, 55.618, 178.396)

Conversions

Conversions Part 1

Format	Color
Hex	18FBDB
RGB	24, 251, 219
RGB Percent	9%, 98%, 86%
CMY	0.9048, 0.0165, 0.1420
CMYK	0.90, 0.00, 0.13, 0.02
HSL	172°, 96%, 54%
HSV	172°, 90%, 98%
XYZ	47.5737, 74.1641, 78.6867
YIQ	179.4790, -125.0200, -58.0760

Conversions

Conversions Part 2

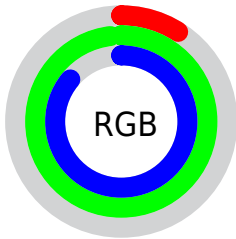
Format	Color
RYB	24, 146, 251
Decimal	1637339
CIELab	89.00, -55.60, 1.56
CIELCh	89, 55.618, 178.396
Yxy	74.1641, 0.2374, 0.3700
Android (android.graphics.Color)	4279827419 (0xFF18FBDB)
YUV	179.4790, 19.4839, -136.3551
Hunter-Lab	86.1186, -52.1004, 6.1097

Details

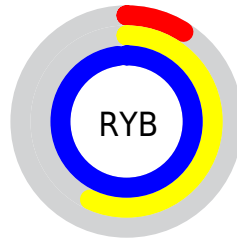
The CIELCh color **89, 55.618, 178.396** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **53, 89.737, 29.791**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.289, 197.073**, and **70, 47.393, 176.144** is the 20% darker color. If you saturate the color by 10%, you get **89, 57.233, 176.925**, and if you desaturate by 10%, it is **89, 53.142, 179.795**.

Distribution



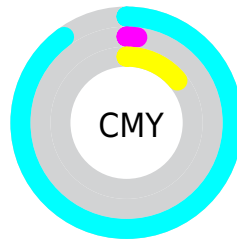
- Red (9%)
- Green (98%)
- Blue (86%)



- Red (9%)
- Yellow (57%)
- Blue (98%)



- Cyan (90%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (90%)
- Magenta (2%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 55.618, 178.396 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 89, 55.618, 178.396 by changing the saturation by 10% instead.


 89, 55.618,
178.396


 89, 55.618,
178.396


 100, 55.618,
178.396


 79, 55.618,
178.396

 69, 55.618,
178.396

 59, 55.618,
178.396

 49, 55.618,
178.396

 39, 55.618,
178.396

 29, 55.618,
178.396

 19, 55.618,

178.396

■ 9, 55.618, 178.396

■ 0, 55.618, 178.396

■ 89, 55.618,
178.396

■ 89, 55.618,
178.396

■ 89, 57.233,
176.925

■ 89, 53.142,
179.795

■ 90, 49.640,
181.063

■ 90, 45.070,
182.220

■ 91, 39.471,
183.285

■ 92, 32.936,

184.282

■ 94, 25.600,
185.226

■ 95, 17.612,
186.135

■ 97, 9.127, 187.033

■ 98, 0.286, 189.986

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



89, 55.618, 178.396



53, 89.737, 29.791

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 55.618, 178.396



89, 55.618, 228.396



89, 55.618, 358.396



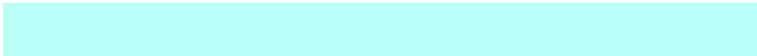
89, 55.618, 48.396

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



89, 55.618, 178.395



95, 23.322, 185.529



87, 113.871, 135.092



50, 15.563, 185.215



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 55.618, 178.395



90, 57.968, 176.911



67, 49.797, 260.912



51, 5.019, 187.109



69, 46.080, 177.211



22, 20.409, 179.329

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53, 89.737, 29.791



53, 97.691, 34.524



62, 84.601, 51.158



49, 5.247, 8.615



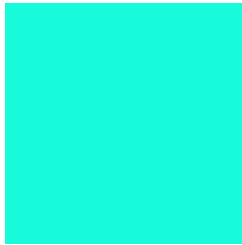
39, 77.111, 33.580



9, 31.286, 20.365

Previews

White Background



This preview shows how the CIE LCh color 89, 55.618, 178.396 looks on a white background.

Color Contrast Check

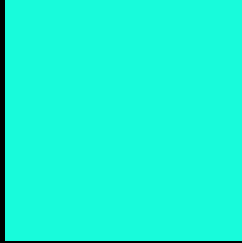
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 55.618, 178.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

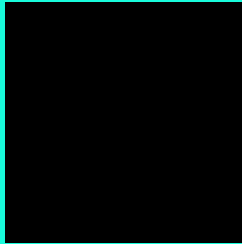
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

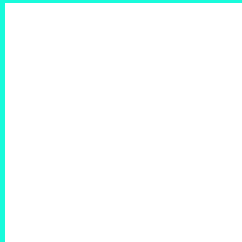
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 55.618, 178.396

Background



This preview shows how black text looks on a background with the CIELCh color 89, 55.618, 178.396.

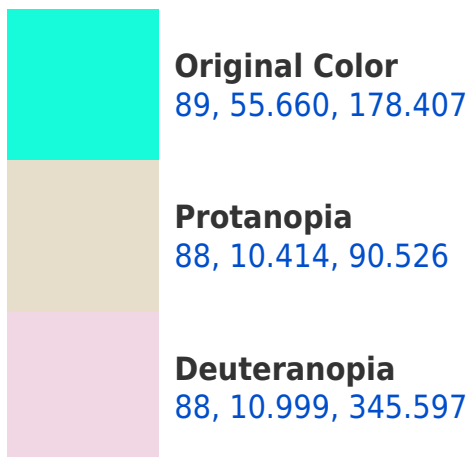


This preview shows how white text looks on a background with the CIELCh color 89, 55.618, 178.396.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



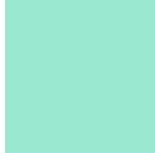


Tritanopia
89, 32.961, 212.270

Trichromacy



Original Color
89, 55.660, 178.407



Protanomaly
87, 29.128, 171.809



Deuteranomaly
86, 21.967, 192.410

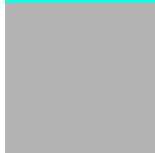


Tritanomaly
88, 41.469, 196.062

Monochromacy



Original Color
89, 55.660, 178.407



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 27.904, 183.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 55.618, 178.396 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(24, 251, 219)` looks like.

```
.text, #text, p{  
    color:rgb(24, 251, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(24, 251, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 251, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 55.618, 178.396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(24, 251, 219) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(24, 251, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(24, 251, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 251, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 251, 219);  
box-shadow:4px 4px 4px 4px rgb(24, 251,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 55.618, 178.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 251, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(24, 251,  
219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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