

Converting Colors

CIELCh(88, 45.336, 192.305)

Have a look what the booklet for
CIELCh(88, 45.336, 192.305)
contains.

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Color

CIELCh(88, 45.243, 192.534)

Conversions

Conversions Part 1

Format	Color
Hex	45F4EE
RGB	69, 244, 238
RGB Percent	27%, 96%, 93%
CMY	0.7300, 0.0435, 0.0671
CMYK	0.72, 0.00, 0.02, 0.04
HSL	178°, 89%, 61%
HSV	178°, 72%, 96%
XYZ	50.1800, 72.0653, 92.0755
YIQ	190.9910, -102.3740, -38.9660

Conversions

Conversions Part 2

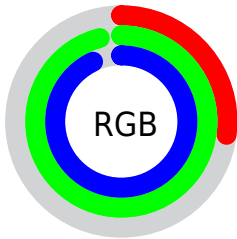
Format	Color
RYB	69, 158, 244
Decimal	4584686
CIELab	88.00, -44.16, -9.82
CIELCh	88, 45.243, 192.534
Yxy	72.0653, 0.2341, 0.3362
Android (android.graphics.Color)	4282774766 (0xFF45F4EE)
YUV	190.9910, 23.1754, -106.9861
Hunter-Lab	84.8913, -43.0467, -4.8837

Details

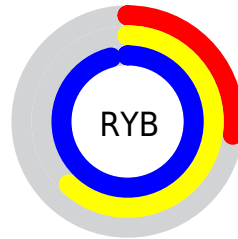
The CIELCh color **88, 45.243, 192.534** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **56, 75.701, 29.032**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.784, 197.342**, and **69, 40.528, 192.361** is the 20% darker color. If you saturate the color by 10%, you get **88, 47.717, 192.054**, and if you desaturate by 10%, it is **89, 41.698, 193.022**.

Distribution



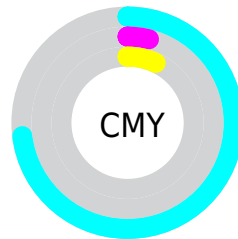
- Red (27%)
- Green (96%)
- Blue (93%)



- Red (27%)
- Yellow (62%)
- Blue (96%)



- Cyan (72%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (73%)
- Magenta (4%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 45.243, 192.534 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 88, 45.243, 192.534 by changing the saturation by 10% instead.


 88, 45.243,
192.534


 88, 45.243,
192.534


 100, 45.243,
192.534


 78, 45.243,
192.534

 68, 45.243,
192.534

 58, 45.243,
192.534

 48, 45.243,
192.534

 38, 45.243,
192.534


 28, 45.243,
192.534

 18, 45.243,


192.534

 8, 45.243, 192.534


 0, 45.243, 192.534


 88, 45.243,
192.534


 88, 45.243,
192.534


 88, 47.717,
192.054


 89, 41.698,
193.022

 87, 49.189,
191.575

 89, 37.089,
193.531

 87, 49.820,
191.174

 90, 31.481,
194.066

 91, 24.983,
194.631

 93, 17.728,

195.228

■ 94, 9.858, 195.870

■ 96, 1.515, 196.859

■ 97, 3.957, 14.423

■ 97, 4.017, 8.363

Harmonies

Complementary

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



88, 45.243, 192.534



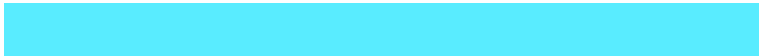
56, 75.701, 29.032

Rectangle

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



88, 45.243, 192.534



88, 45.243, 242.534



88, 45.243, 12.534



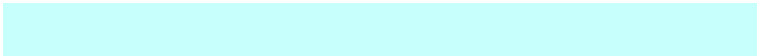
88, 45.243, 62.534

Sweetspot

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



88, 45.243, 192.533



96, 18.557, 195.211



85, 100.025, 137.184



51, 12.359, 195.045



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 45.243, 192.533



91, 50.149, 191.843



66, 47.539, 266.613



50, 4.801, 196.028



68, 40.655, 191.259



22, 18.004, 191.920

Inverse Universe

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



56, 75.701, 29.032



55, 93.368, 34.626



70, 63.005, 61.545



48, 5.080, 17.166



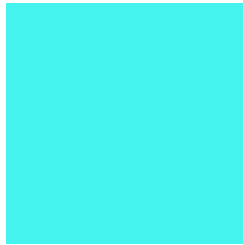
39, 81.042, 38.636



8, 30.807, 23.638

Previews

White Background



This preview shows how the CIE LCh color 88, 45.243, 192.534 looks on a white background.

Color Contrast Check

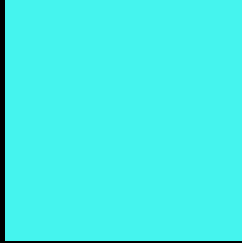
Large Text (above 18pt) WCAG AA × Fail

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 88, 45.243, 192.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

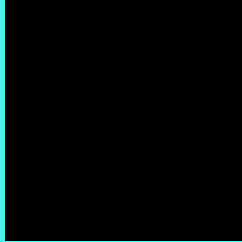
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 45.243, 192.534

Background



This preview shows how black text looks on a background with the CIELCh color 88, 45.243, 192.534.

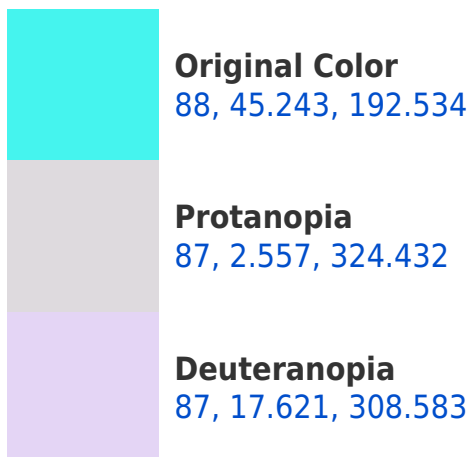


This preview shows how white text looks on a background with the CIELCh color 88, 45.243, 192.534.

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
88, 35.516, 211.938

Trichromacy



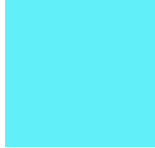
Original Color
88, 45.243, 192.534



Protanomaly
86, 20.098, 199.577



Deuteranomaly
86, 19.455, 227.626

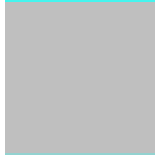


Tritanomaly
88, 38.856, 204.032

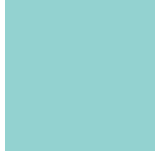
Monochromacy



Original Color
88, 45.243, 192.534



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 21.039, 194.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 45.243, 192.534 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(69, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(69, 244, 238)  
}
```

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(69, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 244, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 45.243, 192.534 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(69, 244, 238) }
```

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

```
.border{ border-color:rgb(69, 244, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(69, 244,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 45.243, 192.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 244, 238) }
```

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

```
.background{ background-color: rgb(69, 244,  
238) }
```

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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