

Converting Colors

CIELCh(66, 44.820, 152.860)

Have a look what the booklet for
CIELCh(66, 44.820, 152.860)
contains.

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Color

CIELCh(66, 44.808, 152.669)

Conversions

Conversions Part 1

Format	Color
Hex	58B27A
RGB	88, 178, 122
RGB Percent	35%, 70%, 48%
CMY	0.6549, 0.3019, 0.5215
CMYK	0.51, 0.00, 0.31, 0.30
HSL	143°, 37%, 52%
HSV	143°, 51%, 70%
XYZ	23.4602, 35.3238, 23.9962
YIQ	144.7060, -35.6640, -36.4960

Conversions

Conversions Part 2

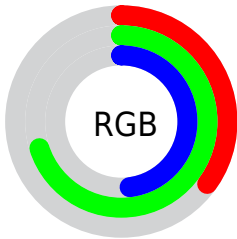
Format	Color
RYB	88, 153, 178
Decimal	5812858
CIELab	66.00, -39.81, 20.57
CIELCh	66, 44.808, 152.669
Yxy	35.3238, 0.2834, 0.4267
Android (android.graphics.Color)	4284002938 (0xFF58B27A)
YUV	144.7060, -11.1941, -49.7312
Hunter-Lab	59.4338, -33.5502, 17.6656

Details

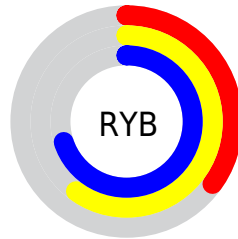
The CIELCh color **66, 44.808, 152.669** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **50, 45.756, 342.040**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 44.570, 152.941**, and **46, 45.007, 152.588** is the 20% darker color. If you saturate the color by 10%, you get **65, 52.661, 151.234**, and if you desaturate by 10%, it is **67, 36.418, 153.925**.

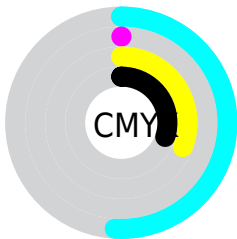
Distribution



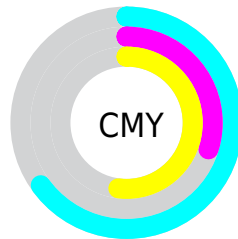
- Red (35%)
- Green (70%)
- Blue (48%)



- Red (35%)
- Yellow (60%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 44.808, 152.669 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 66, 44.808, 152.669 by changing the saturation by 10% instead.

 66, 44.808,
152.669

 66, 44.808,
152.669

 100, 44.808,
152.669

 56, 44.808,
152.669

 86, 44.808,
152.669

 46, 44.808,
152.669

 96, 44.808,
152.669

 36, 44.808,
152.669

 26, 44.808,
152.669

 16, 44.808,
152.669

 6, 44.808, 152.669

 0, 44.808, 152.669

■ 66, 44.808,
152.669

■ 66, 44.808,
152.669

■ 65, 52.661,
151.234

■ 67, 36.418,
153.925

■ 65, 59.826,
149.605

■ 68, 27.647,
155.025

■ 64, 66.185,
147.781

■ 69, 18.651,
155.992

■ 64, 71.675,
145.782

■ 71, 9.564, 156.855

■ 64, 76.154,
143.855

■ 72, 0.498, 158.240

■ 74, 8.461, 338.200

■ 76, 17.249,
338.822

■ 78, 25.822,
339.373

■ 80, 34.153,
339.874

Harmonies

Complementary

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



66, 44.808, 152.669



50, 45.756, 342.040

Rectangle

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



66, 44.808, 152.669



66, 44.808, 202.669



66, 44.808, 332.669



66, 44.808, 22.669

Sweetspot

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



66, 44.809, 152.669



89, 16.875, 156.460



68, 49.363, 121.721



47, 11.609, 156.279



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 44.809, 152.669



83, 65.580, 151.003



67, 29.971, 184.088



37, 5.138, 156.958



55, 67.689, 144.135



7, 13.231, 153.958

Inverse Universe

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



50, 45.756, 342.040



60, 66.377, 343.455



49, 39.121, 15.279



35, 5.176, 338.251



33, 60.474, 350.554



2, 11.485, 343.033

Previews

White Background



This preview shows how the CIELCh color 66, 44.808, 152.669 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 66, 44.808, 152.669 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 66, 44.808, 152.669

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.808, 152.669.

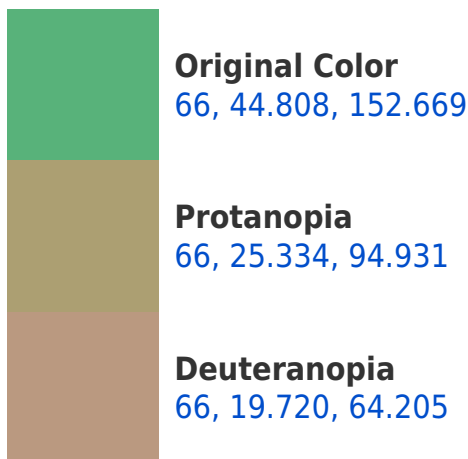


This preview shows how white text looks on a background with the CIELCh color 66, 44.808, 152.669.

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
66, 22.117, 218.546

Trichromacy



Original Color
66, 44.808, 152.669



Protanomaly
65, 28.698, 128.084



Deuteranomaly
65, 20.413, 121.852



Tritanomaly
66, 26.293, 182.454

Monochromacy



Original Color
66, 44.808, 152.669



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 17.001, 156.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.808, 152.669 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(88, 178, 122)` looks like.

```
.text, #text, p{  
    color:rgb(88, 178, 122)  
}
```

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(88, 178, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 178, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.808, 152.669 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(88, 178, 122) }
```

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

```
.border{ border-color:rgb(88, 178, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 178, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 178, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 178, 122);  
box-shadow:4px 4px 4px 4px rgb(88, 178,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.808, 152.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 178, 122) }
```

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

```
.background{ background-color: rgb(88, 178,  
122) }
```

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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