

Converting Colors

CIELCh(67, 29.262, 202.589)

Have a look what the booklet for
CIELCh(67, 29.262, 202.589)
contains.

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Color

CIELCh(67, 29.262, 202.589)

Conversions

Conversions Part 1

Format	Color
Hex	4FB1B6
RGB	79, 177, 182
RGB Percent	31%, 69%, 71%
CMY	0.6889, 0.3047, 0.2851
CMYK	0.56, 0.03, 0.00, 0.29
HSL	183°, 41%, 51%
HSV	183°, 56%, 71%
XYZ	27.5102, 36.6320, 50.0421
YIQ	148.2680, -60.0130, -19.2210

Conversions

Conversions Part 2

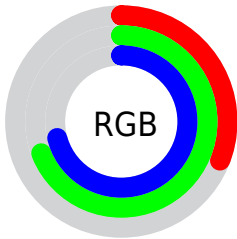
Format	Color
RYB	79, 129, 182
Decimal	5222838
CIELab	67.00, -27.02, -11.24
CIElCh	67, 29.262, 202.589
Yxy	36.6320, 0.2409, 0.3208
Android (android.graphics.Color)	4283412918 (0xFF4FB1B6)
YUV	148.2680, 16.6299, -60.7480
Hunter-Lab	60.5244, -24.7837, -6.6544

Details

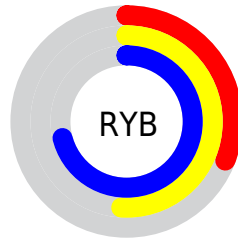
The CIELCh color **67, 29.262, 202.589** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 45.048, 29.327**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 29.361, 202.684**, and **47, 28.720, 202.511** is the 20% darker color. If you saturate the color by 10%, you get **66, 32.247, 202.750**, and if you desaturate by 10%, it is **68, 25.485, 202.558**.

Distribution



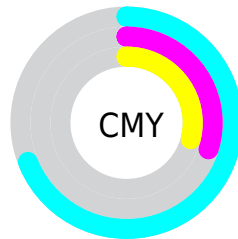
- Red (31%)
- Green (69%)
- Blue (71%)



- Red (31%)
- Yellow (51%)
- Blue (71%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 29.262, 202.589 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 67, 29.262, 202.589 by changing the saturation by 10% instead.

 67, 29.262,
202.589

 67, 29.262,
202.589

 100, 29.262,
202.589


 57, 29.262,
202.589

 87, 29.262,
202.589

 47, 29.262,
202.589

 97, 29.262,
202.589

 37, 29.262,
202.589

 27, 29.262,
202.589

 17, 29.262,
202.589

 7, 29.262, 202.589

 0, 29.262, 202.589

67, 29.262,
202.589

67, 29.262,
202.589

66, 32.247,
202.750

68, 25.485,
202.558

66, 34.407,
203.061

69, 20.986,
202.647

65, 35.753,
203.535

70, 15.858,
202.838

65, 36.369,
204.173

72, 10.202,
203.123

65, 36.511,
204.415

73, 4.121, 203.532

75, 2.290, 23.568

77, 8.945, 24.167

78, 15.770, 24.653

80, 22.706, 25.146

Harmonies

Complementary

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



67, 29.262, 202.589



48, 45.048, 29.327

Rectangle

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



67, 29.262, 202.589



67, 29.262, 252.589



67, 29.262, 22.589



67, 29.262, 72.589

Sweetspot

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



67, 29.262, 202.587



91, 13.001, 203.096



66, 65.027, 140.513



48, 8.713, 203.034



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 29.262, 202.587



84, 40.072, 202.818



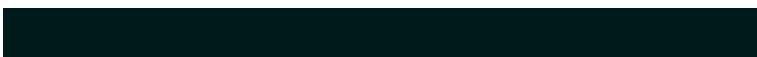
52, 33.868, 270.247



38, 3.599, 203.392



56, 32.496, 204.310



8, 9.749, 204.585

Inverse Universe

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



50, 63.749, 328.780



61, 90.506, 329.320



60, 38.424, 71.613



36, 6.685, 326.261



36, 76.945, 330.233



3, 17.919, 326.634

Previews

White Background



This preview shows how the CIELCh color 67, 29.262, 202.589 looks on a white background.

Color Contrast Check

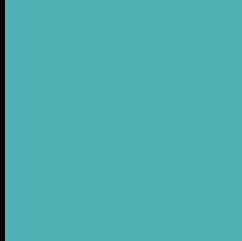
Large Text (above 18pt) WCAG AA × Fail

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 67, 29.262, 202.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

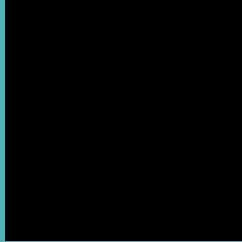
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

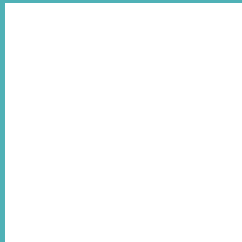
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 29.262, 202.589

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.262, 202.589.

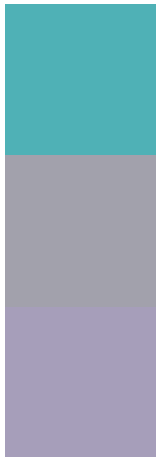


This preview shows how white text looks on a background with the CIELCh color 67, 29.262, 202.589.

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



Original Color
67, 29.262, 202.589

Protanopia
67, 6.108, 294.293

Deuteranopia
67, 15.832, 302.205



Tritanopia
67, 28.128, 213.480

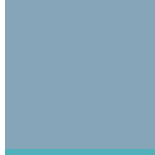
Trichromacy



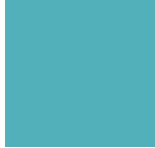
Original Color
67, 29.262, 202.589



Protanomaly
66, 13.030, 221.101



Deuteranomaly
66, 15.033, 246.561



Tritanomaly
67, 28.260, 209.832

Monochromacy



Original Color
67, 29.262, 202.589



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 12.535, 203.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.262, 202.589 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(79, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(79, 177, 182)  
}
```

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(79, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 177, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.262, 202.589 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(79, 177, 182) }
```

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

```
.border{ border-color:rgb(79, 177, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 177, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(79, 177,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.262, 202.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 177, 182) }
```

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

```
.background{ background-color: rgb(79, 177,  
182) }
```

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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