

Converting Colors

CIELCh(66, 29.088, 217.474)

Have a look what the booklet for
CIELCh(66, 29.088, 217.474)
contains.

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Color

CIELCh(66, 29.027, 217.672)

Conversions

Conversions Part 1

Format	Color
Hex	4CADBF
RGB	76, 173, 191
RGB Percent	30%, 68%, 75%
CMY	0.7006, 0.3204, 0.2498
CMYK	0.60, 0.09, 0.00, 0.25
HSL	189°, 47%, 52%
HSV	189°, 60%, 75%
XYZ	27.4432, 35.3238, 54.8321
YIQ	146.0490, -63.5900, -14.9660

Conversions

Conversions Part 2

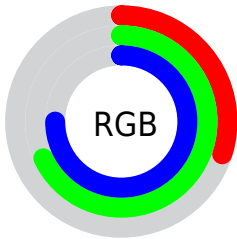
Format	Color
RYB	76, 129, 191
Decimal	5025215
CIELab	66.00, -22.98, -17.74
CIElCh	66, 29.027, 217.672
Yxy	35.3238, 0.2334, 0.3004
Android (android.graphics.Color)	4283215295 (0xFF4CADBF)
YUV	146.0490, 22.1608, -61.4330
Hunter-Lab	59.4338, -21.5879, -13.0958

Details

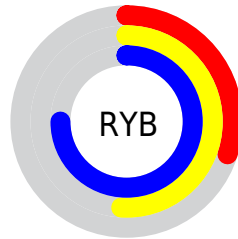
The CIELCh color **66, 29.027, 217.672** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **52, 46.891, 37.207**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 29.133, 216.798**, and **46, 27.805, 219.836** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.628, 219.123**, and if you desaturate by 10%, it is **68, 25.662, 216.581**.

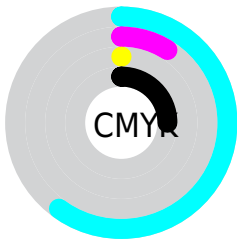
Distribution



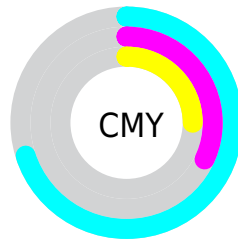
- Red (30%)
- Green (68%)
- Blue (75%)



- Red (30%)
- Yellow (51%)
- Blue (75%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)




- Cyan (70%)
- Magenta (32%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 29.027, 217.672 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, 29.027, 217.672 by changing the saturation by 10% instead.


 66, 29.027,
217.672


 66, 29.027,
217.672


 100, 29.027,
217.672


 56, 29.027,
217.672


 86, 29.027,
217.672

 46, 29.027,
217.672

 96, 29.027,
217.672

 36, 29.027,
217.672

 26, 29.027,
217.672

 16, 29.027,
217.672

 6, 29.027, 217.672

 0, 29.027, 217.672

66, 29.027,
217.672

66, 29.027,
217.672

65, 31.628,
219.123

68, 25.662,
216.581

63, 33.451,
221.005

69, 21.593,
215.792

62, 34.536,
223.380

71, 16.904,
215.247

61, 35.082,
226.172

73, 11.689,
214.904

75, 6.044, 214.742

77, 0.058, 223.784

80, 6.192, 34.491

82, 12.635, 34.615

85, 19.218, 34.763

Harmonies

Complementary

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



66, 29.027, 217.672



52, 46.891, 37.207

Rectangle

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



66, 29.027, 217.672



66, 29.027, 267.672



66, 29.027, 37.672



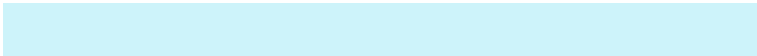
66, 29.027, 87.672

Sweetspot

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



66, 29.026, 217.671



93, 13.084, 214.861



69, 66.023, 143.220



49, 9.006, 214.934



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 29.026, 217.671



82, 39.452, 219.653



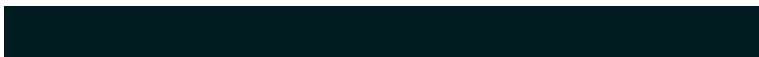
49, 44.382, 281.770



40, 3.438, 214.738



52, 30.833, 225.734



8, 10.632, 219.318

Inverse Universe

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



51, 64.798, 332.821



62, 90.879, 333.685



65, 44.879, 81.670



38, 6.485, 329.590



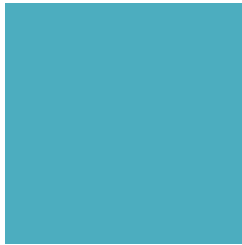
37, 72.477, 335.537



4, 20.887, 332.418

Previews

White Background



This preview shows how the CIE LCh color 66, 29.027, 217.672 looks on a white background.

Color Contrast Check

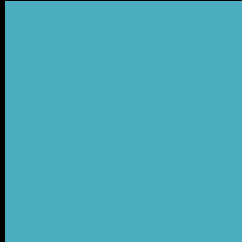
Large Text (above 18pt) WCAG AA × Fail

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, 29.027, 217.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

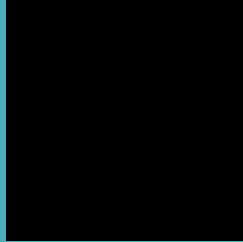
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 29.027, 217.672

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.027, 217.672.

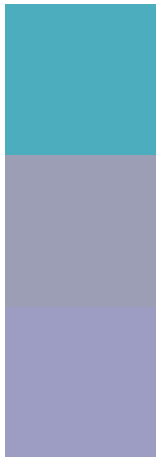


This preview shows how white text looks on a background with the CIELCh color 66, 29.027, 217.672.

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

66, 29.027, 217.672

Protanopia

66, 12.777, 288.302

Deuteranopia

66, 21.682, 293.328



Tritanopia
66, 29.209, 212.812

Trichromacy



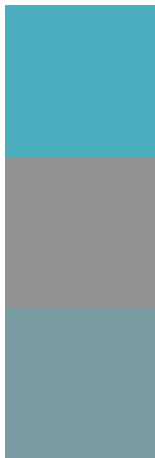
Original Color
66, 29.027, 217.672

Protanomaly
65, 16.701, 243.216

Deuteranomaly
65, 20.571, 259.211

Tritanomaly
66, 29.242, 213.954

Monochromacy



Original Color
66, 29.027, 217.672

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 12.738, 213.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.027, 217.672 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(76, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(76, 173, 191)  
}
```

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(76, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 173, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.027, 217.672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

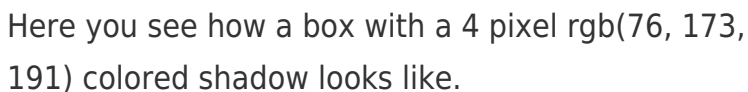
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 173, 191) }
```

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

```
.border{ border-color:rgb(76, 173, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(76, 173,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.027, 217.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 173, 191) }
```

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

```
.background{ background-color: rgb(76, 173,  
191) }
```

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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