

Converting Colors

CIELCh(67, 29.625, 209.143)

Have a look what the booklet for
CIELCh(67, 29.625, 209.143)
contains.

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Color

CIELCh(67, 29.625, 209.143)

Conversions

Conversions Part 1

Format	Color
Hex	4CB1BC
RGB	76, 177, 188
RGB Percent	30%, 69%, 74%
CMY	0.7018, 0.3057, 0.2626
CMYK	0.60, 0.06, 0.00, 0.26
HSL	186°, 46%, 52%
HSV	186°, 60%, 74%
XYZ	27.7963, 36.6320, 53.2065
YIQ	148.0550, -63.7270, -17.9910

Conversions

Conversions Part 2

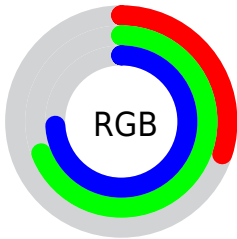
Format	Color
RYB	76, 129, 188
Decimal	5026236
CIELab	67.00, -25.87, -14.43
CIElCh	67, 29.625, 209.143
Yxy	36.6320, 0.2363, 0.3114
Android (android.graphics.Color)	4283216316 (0xFF4CB1BC)
YUV	148.0550, 19.6929, -63.1922
Hunter-Lab	60.5244, -23.9400, -9.7543

Details

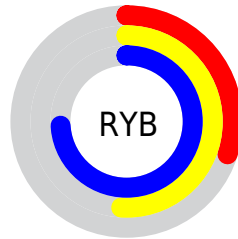
The CIELCh color **67, 29.625, 209.143** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **50, 47.510, 33.086**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 29.742, 208.834**, and **47, 28.321, 210.141** is the 20% darker color. If you saturate the color by 10%, you get **66, 32.275, 209.874**, and if you desaturate by 10%, it is **68, 26.172, 208.642**.

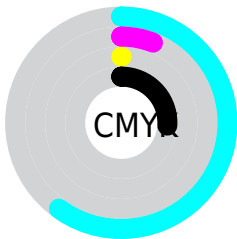
Distribution



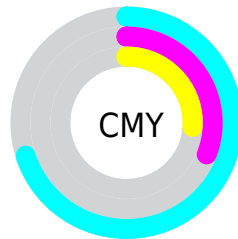
- Red (30%)
- Green (69%)
- Blue (74%)



- Red (30%)
- Yellow (51%)
- Blue (74%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)




- Cyan (70%)
- Magenta (31%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 29.625, 209.143 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, 29.625, 209.143 by changing the saturation by 10% instead.


 67, 29.625,
209.143


 67, 29.625,
209.143


 100, 29.625,
209.143

 57, 29.625,
209.143


 87, 29.625,
209.143

 47, 29.625,
209.143

 97, 29.625,
209.143

 37, 29.625,
209.143

 27, 29.625,
209.143

 17, 29.625,
209.143

 7, 29.625, 209.143

 0, 29.625, 209.143

67, 29.625,
209.143

67, 29.625,
209.143

66, 32.275,
209.874

68, 26.172,
208.642

65, 34.099,
210.878

70, 21.982,
208.340

64, 35.126,
212.189

71, 17.142,
208.203

64, 35.530,
213.785

73, 11.751,
208.205

64, 35.545,
213.858

74, 5.912, 208.344

76, 0.281, 26.543

78, 6.743, 28.597

80, 13.400, 28.929

83, 20.193, 29.271

Harmonies

Complementary

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



67, 29.625, 209.143



50, 47.510, 33.086

Rectangle

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



67, 29.625, 209.143



67, 29.625, 259.143



67, 29.625, 29.143



67, 29.625, 79.143

Sweetspot

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



67, 29.625, 209.141



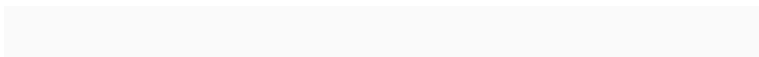
92, 13.455, 208.215



68, 67.588, 141.424



49, 9.258, 208.196



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 29.625, 209.141



84, 40.019, 210.108



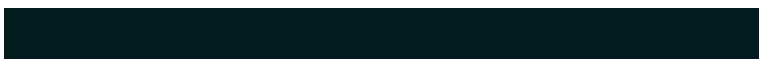
51, 39.328, 276.063



39, 3.518, 208.349



54, 31.296, 213.602



8, 10.258, 210.706

Inverse Universe

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



51, 66.002, 330.611



61, 92.256, 331.258



62, 42.470, 75.845



37, 6.608, 327.727



36, 74.922, 332.516



3, 19.506, 329.198

Previews

White Background



This preview shows how the CIELCh color 67, 29.625, 209.143 looks on a white background.

Color Contrast Check

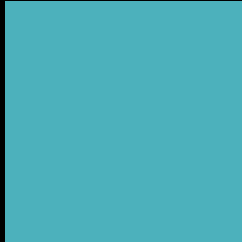
Large Text (above 18pt) WCAG AA × Fail

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, 29.625, 209.143 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

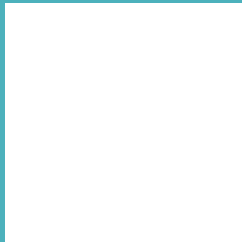
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 29.625, 209.143

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.625, 209.143.



This preview shows how white text looks on a background with the CIELCh color 67, 29.625, 209.143.

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, 29.625, 209.143

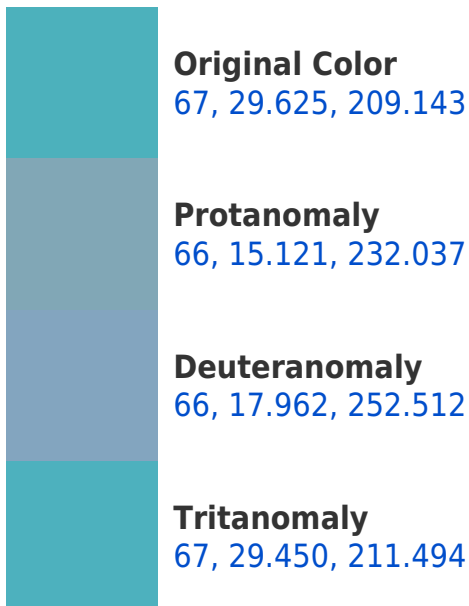
Protanopia
67, 9.411, 288.943

Deuteranopia
67, 18.964, 297.420

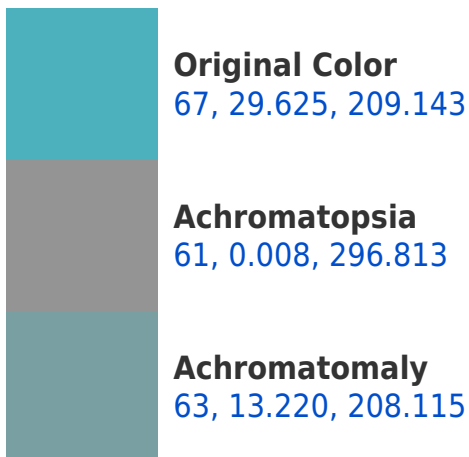


Tritanopia
67, 29.471, 212.623

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.625, 209.143 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, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(76, 177, 188)  
}
```

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, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 177, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.625, 209.143 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, 177, 188) }
```

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

```
.border{ border-color:rgb(76, 177, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(76, 177,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.625, 209.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 177, 188) }
```

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

```
.background{ background-color: rgb(76, 177,  
188) }
```

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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