

Converting Colors

CIELCh(65, 28.451, 198.208)

Have a look what the booklet for
CIELCh(65, 28.451, 198.208)
contains.

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Color

CIELCh(65, 28.469, 198.215)

Conversions

Conversions Part 1

Format	Color
Hex	4FACAD
RGB	79, 172, 173
RGB Percent	31%, 67%, 68%
CMY	0.6914, 0.3266, 0.3227
CMYK	0.54, 0.01, 0.00, 0.32
HSL	181°, 37%, 49%
HSV	181°, 54%, 68%
XYZ	25.4087, 34.0472, 44.6194
YIQ	144.3070, -55.7490, -19.4050

Conversions

Conversions Part 2

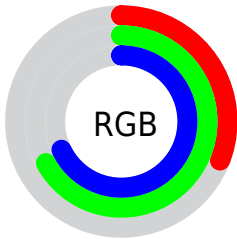
Format	Color
RYB	79, 126, 173
Decimal	5221549
CIELab	65.00, -27.04, -8.90
CIElCh	65, 28.469, 198.215
Yxy	34.0472, 0.2441, 0.3271
Android (android.graphics.Color)	4283411629 (0xFF4FACAD)
YUV	144.3070, 14.1456, -57.2742
Hunter-Lab	58.3500, -24.3840, -4.4933

Details

The CIELCh color **65, 28.469, 198.215** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 42.464, 26.564**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 28.687, 197.496**, and **45, 28.227, 198.894** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.659, 198.037**, and if you desaturate by 10%, it is **66, 24.524, 198.467**.

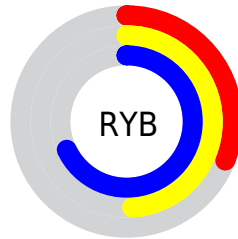
Distribution



Red (31%)

Green (67%)

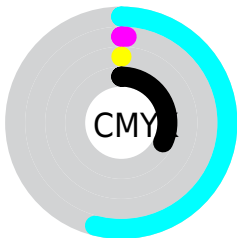
Blue (68%)



Red (31%)

Yellow (49%)

Blue (68%)

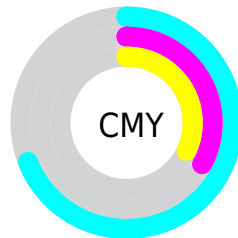


Cyan (54%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (69%)


Magenta (33%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 28.469, 198.215 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 65, 28.469, 198.215 by changing the saturation by 10% instead.


 65, 28.469,
198.215


 65, 28.469,
198.215


 100, 28.469,
198.215


 55, 28.469,
198.215


 85, 28.469,
198.215

 45, 28.469,
198.215

 95, 28.469,
198.215

 35, 28.469,
198.215

 25, 28.469,
198.215

 15, 28.469,
198.215

 5, 28.469, 198.215

 0, 28.469, 198.215

65, 28.469,
198.215

65, 28.469,
198.215

64, 31.659,
198.037

66, 24.524,
198.467

64, 34.056,
197.940

67, 19.892,
198.793

64, 35.665,
197.925

68, 14.664,
199.185

63, 36.545,
197.986

69, 8.940, 199.646

63, 36.860,
198.039

70, 2.820, 200.250

71, 3.603, 20.458

73, 10.243, 21.098

75, 17.031, 21.688

76, 23.906, 22.281

Harmonies

Complementary

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



65, 28.469, 198.215



46, 42.464, 26.564

Rectangle

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



65, 28.469, 198.215



65, 28.469, 248.215



65, 28.469, 18.215



65, 28.469, 68.215

Sweetspot

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



65, 28.469, 198.213



87, 12.191, 199.555



63, 61.557, 139.942



46, 8.171, 199.461



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 28.469, 198.213



82, 39.059, 198.015



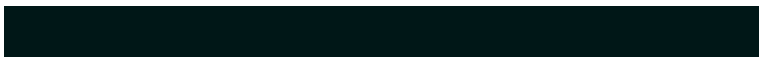
51, 29.912, 265.992



36, 3.564, 199.919



56, 33.306, 198.020



6, 7.678, 200.758

Inverse Universe

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



49, 60.690, 327.510



59, 86.108, 327.957



56, 34.977, 68.678



34, 6.543, 325.207



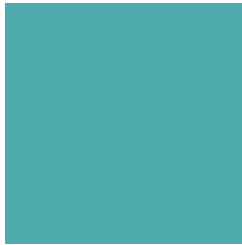
35, 77.326, 328.652



2, 13.709, 324.860

Previews

White Background



This preview shows how the CIE LCh color 65, 28.469, 198.215 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 65, 28.469, 198.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

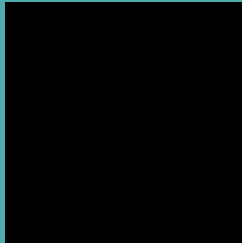
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

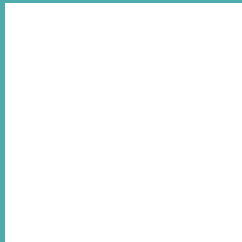
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 28.469, 198.215

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.469, 198.215.

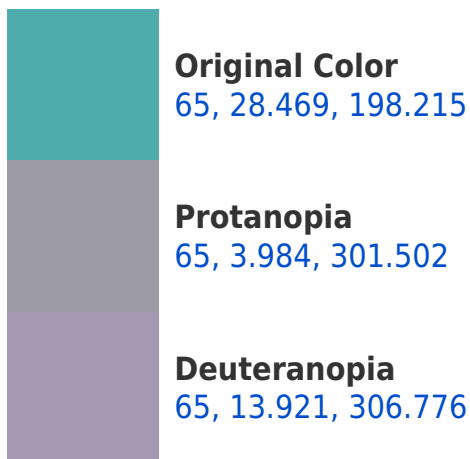



This preview shows how white text looks on a background with the CIELCh color 65, 28.469, 198.215.

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
65, 26.822, 214.451

Trichromacy



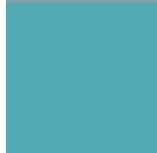
Original Color
65, 28.469, 198.215



Protanomaly
64, 11.966, 211.989



Deuteranomaly
64, 12.643, 240.371

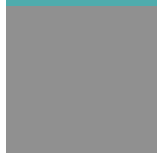


Tritanomaly
65, 27.360, 207.913

Monochromacy



Original Color
65, 28.469, 198.215



Achromatopsia
60, 0.008, 296.813



Achromatomaly
61, 12.303, 198.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 28.469, 198.215 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, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(79, 172, 173)  
}
```

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, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 172, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.469, 198.215 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, 172, 173) }
```

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

```
.border{ border-color:rgb(79, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(79, 172,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.469, 198.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 172, 173) }
```

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

```
.background{ background-color: rgb(79, 172,  
173) }
```

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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