

Converting Colors

CIELCh(64, 18.715, 208.074)

Have a look what the booklet for
CIELCh(64, 18.715, 208.074)
contains.

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Color

CIELCh(64, 18.694, 208.286)

Conversions

Conversions Part 1

Format	Color
Hex	6DA4AA
RGB	109, 164, 170
RGB Percent	43%, 64%, 67%
CMY	0.5717, 0.3560, 0.3325
CMYK	0.36, 0.04, 0.00, 0.33
HSL	186°, 26%, 55%
HSV	186°, 36%, 67%
XYZ	26.9217, 32.8017, 43.0483
YIQ	148.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

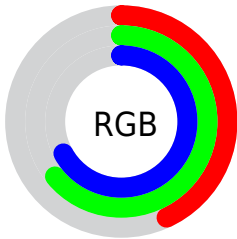
Format	Color
R _Y B	109, 138, 170
Decimal	7185578
CIE Lab	64.00, -16.46, -8.86
CIE LCh	64, 18.694, 208.286
Yxy	32.8017, 0.2620, 0.3192
Android (android.graphics.Color)	4285375658 (0xFF6DA4AA)
YUV	148.2390, 10.7282, -34.4126
Hunter-Lab	57.2727, -16.3214, -4.4736

Details

The CIELCh color **64, 18.694, 208.286** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 24.171, 30.121**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.633, 208.031**, and **44, 18.643, 208.665** is the 20% darker color. If you saturate the color by 10%, you get **63, 22.809, 208.514**, and if you desaturate by 10%, it is **65, 14.020, 208.203**.

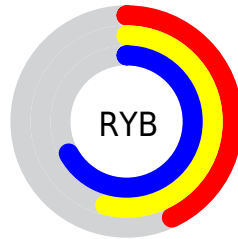
Distribution



Red (43%)

Green (64%)

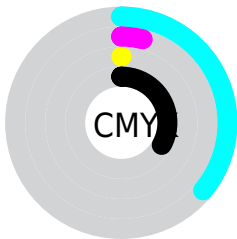
Blue (67%)



Red (43%)

Yellow (54%)

Blue (67%)

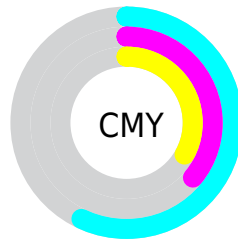


Cyan (36%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (36%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.694, 208.286 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 64, 18.694, 208.286 by changing the saturation by 10% instead.

 64, 18.694,
208.286


 64, 18.694,
208.286

 100, 18.694,
208.286

 54, 18.694,
208.286


 84, 18.694,
208.286

 44, 18.694,
208.286

 94, 18.694,
208.286

 34, 18.694,
208.286

 24, 18.694,
208.286

 14, 18.694,
208.286

 4, 18.694, 208.286

 0, 18.694, 208.286

64, 18.694,
208.286

64, 18.694,
208.286

63, 22.809,
208.514

65, 14.020,
208.203

62, 26.278,
208.927

67, 8.880, 208.255

69, 3.362, 208.473

60, 29.034,
209.555

70, 2.448, 28.327

60, 31.038,
210.435

72, 8.479, 28.731

59, 32.294,
211.603

74, 14.667, 29.060

76, 20.962, 29.406

58, 32.872,
213.084

79, 27.323, 29.769

58, 33.028,
213.741

80, 30.720, 30.709

Harmonies

Complementary

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



64, 18.694, 208.286



54, 24.171, 30.121

Rectangle

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



64, 18.694, 208.286



64, 18.694, 258.286



64, 18.694, 28.286



64, 18.694, 78.286

Sweetspot

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



64, 18.694, 208.283



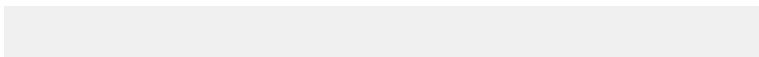
86, 7.751, 208.325



64, 38.832, 144.121



46, 5.231, 208.302



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 18.694, 208.283



80, 26.820, 208.453



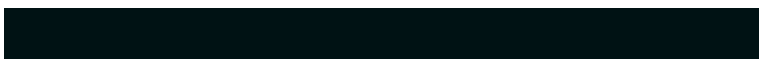
55, 21.743, 269.761



35, 3.201, 208.366



51, 29.813, 213.519



4, 5.816, 212.163

Inverse Universe

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



54, 38.427, 329.275



66, 56.675, 329.728



62, 22.845, 79.227



33, 6.010, 327.723



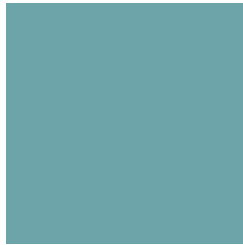
34, 71.372, 332.496



2, 10.637, 328.331

Previews

White Background



This preview shows how the CIELCh color 64, 18.694, 208.286 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 64, 18.694, 208.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

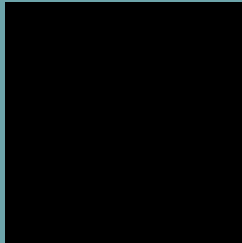
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.694, 208.286

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.694, 208.286.

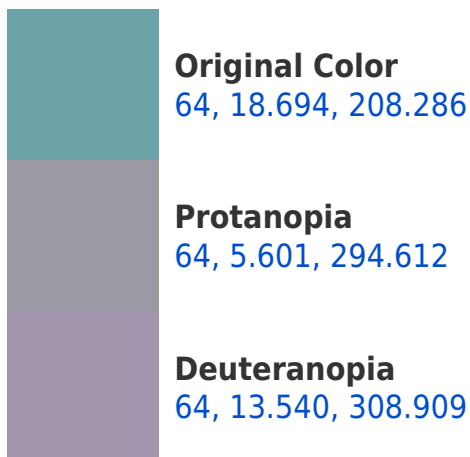



This preview shows how white text looks on a background with the CIELCh color 64, 18.694, 208.286.

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
64, 18.455, 221.398

Trichromacy



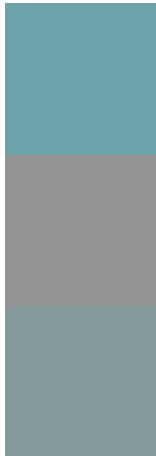
Original Color
64, 18.694, 208.286

Protanomaly
64, 8.403, 231.099

Deuteranomaly
63, 10.462, 264.752

Tritanomaly
64, 18.468, 217.584

Monochromacy



Original Color
64, 18.694, 208.286

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.450, 207.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.694, 208.286 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(109, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(109, 164, 170)  
}
```

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(109, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 164, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.694, 208.286 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(109, 164, 170) }
```

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

```
.border{ border-color:rgb(109, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(109, 164,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.694, 208.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 164, 170) }
```

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

```
.background{ background-color: rgb(109,  
164, 170) }
```

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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