

Converting Colors

CIELCh(64, 15.780, 206.522)

Have a look what the booklet for
CIELCh(64, 15.780, 206.522)
contains.

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Color

CIELCh(64, 15.703, 206.334)

Conversions

Conversions Part 1

Format	Color
Hex	76A3A7
RGB	118, 163, 167
RGB Percent	46%, 64%, 65%
CMY	0.5375, 0.3611, 0.3454
CMYK	0.29, 0.02, 0.00, 0.35
HSL	185°, 22%, 56%
HSV	185°, 29%, 65%
XYZ	27.5134, 32.8017, 41.4045
YIQ	150.0010, -28.1040, -8.2960

Conversions

Conversions Part 2

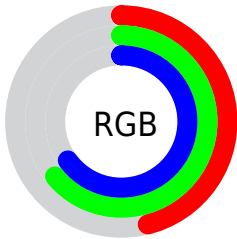
Format	Color
RYB	118, 141, 167
Decimal	7775143
CIELab	64.00, -14.07, -6.97
CIELCh	64, 15.703, 206.334
Yxy	32.8017, 0.2705, 0.3225
Android (android.graphics.Color)	4285965223 (0xFF76A3A7)
YUV	150.0010, 8.3805, -28.0649
Hunter-Lab	57.2727, -14.4772, -2.7719

Details

The CIELCh color `64, 15.703, 206.334` is a light color, and the websafe version is hex `669999`. A complement of this color would be `55, 19.250, 28.186`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 15.572, 206.206`, and `44, 15.687, 206.570` is the 20% darker color. If you saturate the color by 10%, you get `63, 20.186, 206.356`, and if you desaturate by 10%, it is `65, 10.721, 206.425`.

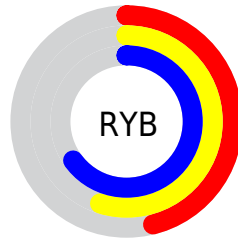
Distribution



Red (46%)

Green (64%)

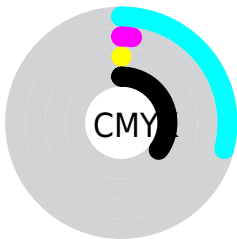
Blue (65%)



Red (46%)

Yellow (55%)

Blue (65%)

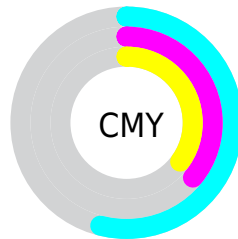


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (54%)


Magenta (36%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 15.703, 206.334 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, 15.703, 206.334 by changing the saturation by 10% instead.


 64, 15.703,
206.334


 64, 15.703,
206.334


 100, 15.703,
206.334


 54, 15.703,
206.334


 84, 15.703,
206.334

 44, 15.703,
206.334

 94, 15.703,
206.334

 34, 15.703,
206.334

 24, 15.703,
206.334

 14, 15.703,
206.334

 4, 15.703, 206.334

 0, 15.703, 206.334

64, 15.703,
206.334

64, 15.703,
206.334

63, 20.186,
206.356

65, 10.721,
206.425

62, 24.080,
206.523

67, 5.332, 206.643

61, 27.305,
206.857

69, 0.378, 25.509

70, 6.330, 27.024

60, 29.801,
207.385

72, 12.459, 27.407

59, 31.545,
208.136

74, 18.708, 27.797

76, 25.033, 28.202

58, 32.557,
209.138

78, 31.397, 28.618

58, 33.004,
210.364

79, 32.419, 29.709

58, 33.030,

Harmonies

Complementary

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



64, 15.703, 206.334



55, 19.250, 28.186

Rectangle

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



64, 15.703, 206.334



64, 15.703, 256.334



64, 15.703, 26.334



64, 15.703, 76.334

Sweetspot

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



64, 15.703, 206.330



85, 6.349, 206.649



64, 31.753, 144.246



45, 4.431, 206.608



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 15.703, 206.330



80, 22.575, 206.331



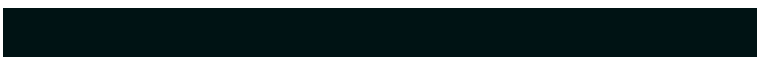
57, 17.183, 266.840



35, 3.248, 206.645



51, 30.244, 210.290



5, 5.918, 209.856

Inverse Universe

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



56, 31.448, 328.373



68, 46.214, 328.728



62, 18.016, 78.520



33, 6.081, 327.218



34, 72.299, 331.705



2, 10.804, 327.641

Previews

White Background



This preview shows how the CIELCh color 64, 15.703, 206.334 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, 15.703, 206.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

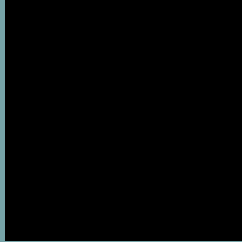
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 15.703, 206.334

Background



This preview shows how black text looks on a background with the CIELCh color 64, 15.703, 206.334.

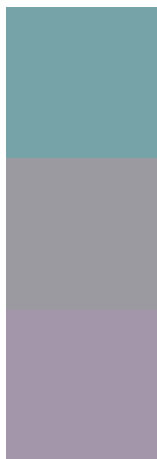


This preview shows how white text looks on a background with the CIELCh color 64, 15.703, 206.334.

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


64, 15.703, 206.334

Protanopia

64, 3.934, 296.107

Deuteranopia

64, 12.236, 314.601



Tritanopia
64, 15.779, 225.863

Trichromacy



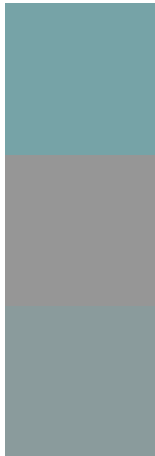
Original Color
64, 15.703, 206.334

Protanomaly
64, 6.383, 230.767

Deuteranomaly
64, 8.277, 270.393

Tritanomaly
64, 15.561, 219.402

Monochromacy



Original Color
64, 15.703, 206.334

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.340, 203.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 15.703, 206.334 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(118, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(118, 163, 167)  
}
```

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(118, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 163, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 15.703, 206.334 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(118, 163, 167) }
```

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

```
.border{ border-color:rgb(118, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(118, 163,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 15.703, 206.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 163, 167) }
```

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

```
.background{ background-color: rgb(118,  
163, 167) }
```

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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