

Converting Colors

CIELCh(63, 15.886, 205.063)

Have a look what the booklet for
CIELCh(63, 15.886, 205.063)
contains.

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Color

CIELCh(63, 15.725, 206.332)

Conversions

Conversions Part 1

Format	Color
Hex	73A0A4
RGB	115, 160, 164
RGB Percent	45%, 63%, 64%
CMY	0.5480, 0.3715, 0.3558
CMYK	0.30, 0.02, 0.00, 0.36
HSL	185°, 21%, 55%
HSV	185°, 30%, 64%
XYZ	26.4469, 31.5869, 39.9518
YIQ	147.0010, -28.1040, -8.2960

Conversions

Conversions Part 2

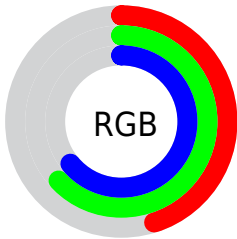
Format	Color
RYB	115, 138, 164
Decimal	7577764
CIELab	63.00, -14.09, -6.98
CIElCh	63, 15.725, 206.332
Yxy	31.5869, 0.2699, 0.3224
Android (android.graphics.Color)	4285767844 (0xFF73A0A4)
YUV	147.0010, 8.3805, -28.0649
Hunter-Lab	56.2022, -14.3579, -2.8051

Details

The CIELCh color **63, 15.725, 206.332** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 19.344, 28.220**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 15.905, 206.028**, and **43, 15.690, 206.582** is the 20% darker color. If you saturate the color by 10%, you get **62, 20.127, 206.360**, and if you desaturate by 10%, it is **64, 10.828, 206.418**.

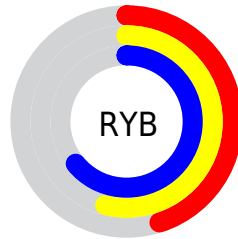
Distribution



Red (45%)

Green (63%)

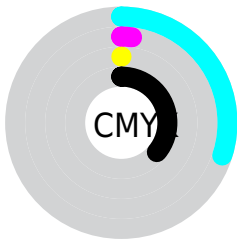
Blue (64%)



Red (45%)

Yellow (54%)

Blue (64%)

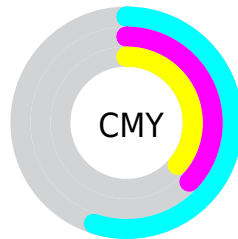


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (55%)


Magenta (37%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 15.725, 206.332 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 63, 15.725, 206.332 by changing the saturation by 10% instead.


 63, 15.725,
206.332


 63, 15.725,
206.332


 100, 15.725,
206.332


 53, 15.725,
206.332


 83, 15.725,
206.332

 43, 15.725,
206.332

 93, 15.725,
206.332

 33, 15.725,
206.332

 23, 15.725,
206.332

 13, 15.725,
206.332

 3, 15.725, 206.332

 0, 15.725, 206.332

63, 15.725,
206.332

63, 15.725,
206.332

62, 20.127,
206.360

64, 10.828,
206.418

61, 23.943,
206.533

66, 5.526, 206.629

60, 27.097,
206.874

67, 0.097, 21.818

69, 5.962, 27.004

59, 29.532,
207.409

71, 12.003, 27.387

58, 31.225,
208.169

73, 18.167, 27.776

75, 24.406, 28.180

57, 32.198,
209.179

77, 30.686, 28.595

57, 32.638,
210.403

78, 33.672, 29.400

57, 32.644,

Harmonies

Complementary

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



63, 15.725, 206.332



54, 19.344, 28.220

Rectangle

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



63, 15.725, 206.332



63, 15.725, 256.332



63, 15.725, 26.332



63, 15.725, 76.332

Sweetspot

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



63, 15.725, 206.328



84, 6.288, 206.649



63, 31.848, 144.207



44, 4.346, 206.608



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 15.725, 206.328



79, 22.899, 206.335



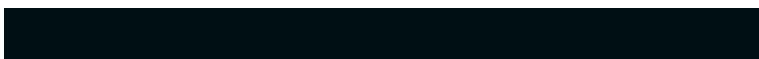
56, 17.236, 266.926



34, 3.167, 206.646



51, 29.866, 210.265



4, 4.945, 209.246

Inverse Universe

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



55, 31.541, 328.398



67, 47.041, 328.784



61, 18.086, 78.461



32, 5.927, 327.215



33, 71.393, 331.699



1, 9.019, 327.457

Previews

White Background



This preview shows how the CIELCh color 63, 15.725, 206.332 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 63, 15.725, 206.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

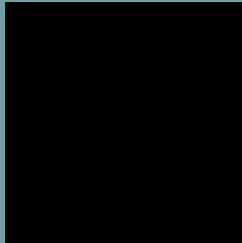
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

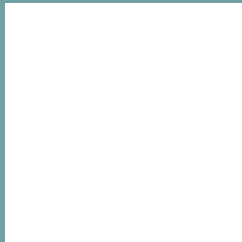
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 15.725, 206.332

Background



This preview shows how black text looks on a background with the CIELCh color 63, 15.725, 206.332.

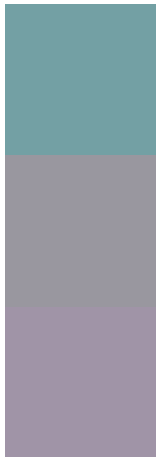


This preview shows how white text looks on a background with the CIELCh color 63, 15.725, 206.332.

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
63, 15.725, 206.332

Protanopia
63, 4.558, 300.214

Deuteranopia
63, 11.606, 313.983



Tritanopia
63, 15.801, 225.914

Trichromacy



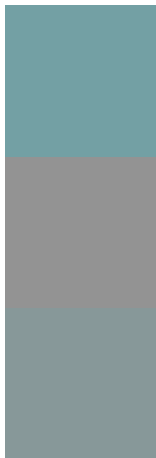
Original Color
63, 15.725, 206.332

Protanomaly
63, 6.687, 235.040

Deuteranomaly
63, 8.305, 270.425

Tritanomaly
63, 15.582, 219.435

Monochromacy



Original Color
63, 15.725, 206.332

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 6.359, 203.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 15.725, 206.332 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(115, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(115, 160, 164)  
}
```

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(115, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 160, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 15.725, 206.332 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(115, 160, 164) }
```

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

```
.border{ border-color:rgb(115, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(115, 160,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 15.725, 206.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 160, 164) }
```

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

```
.background{ background-color: rgb(115,  
160, 164) }
```

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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