

Converting Colors

CIELCh(65, 19.586, 199.209)

Have a look what the booklet for
CIELCh(65, 19.586, 199.209)
contains.

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Color

CIELCh(65, 19.645, 199.404)

Conversions

Conversions Part 1

Format	Color
Hex	6EA8A9
RGB	110, 168, 169
RGB Percent	43%, 66%, 66%
CMY	0.5697, 0.3423, 0.3384
CMYK	0.35, 0.01, 0.00, 0.34
HSL	181°, 25%, 55%
HSV	181°, 35%, 66%
XYZ	27.4771, 34.0472, 42.5157
YIQ	150.7720, -34.8890, -11.9850

Conversions

Conversions Part 2

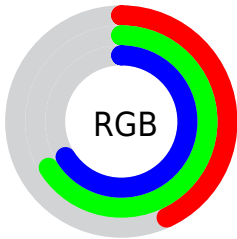
Format	Color
RYB	110, 139, 169
Decimal	7252137
CIELab	65.00, -18.53, -6.53
CIELCh	65, 19.645, 199.404
Yxy	34.0472, 0.2641, 0.3273
Android (android.graphics.Color)	4285442217 (0xFF6EA8A9)
YUV	150.7720, 8.9864, -35.7570
Hunter-Lab	58.3500, -18.0563, -2.3557

Details

The CIELCh color **65, 19.645, 199.404** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 25.017, 23.687**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.536, 199.645**, and **45, 19.665, 199.025** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.128, 199.113**, and if you desaturate by 10%, it is **66, 14.577, 199.761**.

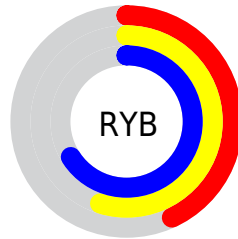
Distribution



Red (43%)

Green (66%)

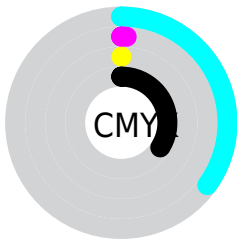
Blue (66%)



Red (43%)

Yellow (55%)

Blue (66%)

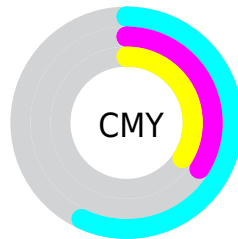


Cyan (35%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (57%)


Magenta (34%)

Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.645, 199.404 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, 19.645, 199.404 by changing the saturation by 10% instead.


 65, 19.645,
199.404


 65, 19.645,
199.404


 100, 19.645,
199.404


 55, 19.645,
199.404


 85, 19.645,
199.404

 45, 19.645,
199.404

 95, 19.645,
199.404

 35, 19.645,
199.404

 25, 19.645,
199.404

 15, 19.645,
199.404

 5, 19.645, 199.404

 0, 19.645, 199.404

65, 19.645,
199.404

65, 19.645,
199.404

64, 24.128,
199.113

66, 14.577,
199.761

63, 27.938,
198.903

67, 9.019, 200.192

68, 3.071, 200.756

63, 31.008,
198.778

70, 3.177, 20.943

62, 33.301,
198.743

71, 9.643, 21.575

62, 34.825,
198.800

73, 16.256, 22.148

75, 22.960, 22.723

62, 35.639,
198.946

77, 29.708, 23.303

62, 35.914,
199.037

78, 33.802, 23.752

Harmonies

Complementary

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



65, 19.645, 199.404



53, 25.017, 23.687

Rectangle

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



65, 19.645, 199.404



65, 19.645, 249.404



65, 19.645, 19.404



65, 19.645, 69.404

Sweetspot

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



65, 19.645, 199.401



86, 7.556, 200.431



64, 39.390, 142.378



45, 5.130, 200.361



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 19.645, 199.401



82, 28.201, 199.170



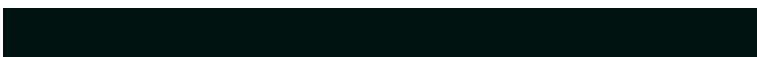
56, 19.501, 262.874



35, 3.456, 200.479



55, 32.611, 199.008



5, 6.416, 201.463

Inverse Universe

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



54, 39.351, 326.767



66, 58.006, 327.158



60, 21.263, 72.839



33, 6.356, 325.375



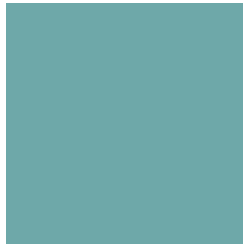
35, 75.997, 328.904



2, 11.485, 325.081

Previews

White Background



This preview shows how the CIELCh color 65, 19.645, 199.404 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, 19.645, 199.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

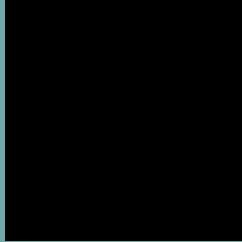
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.645, 199.404

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.645, 199.404.

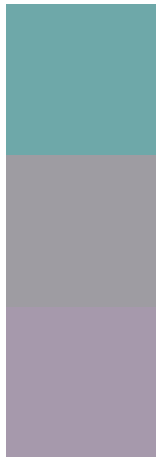


This preview shows how white text looks on a background with the CIELCh color 65, 19.645, 199.404.

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
65, 19.645, 199.404

Protanopia
65, 3.439, 303.229

Deuteranopia
65, 11.689, 315.673



Tritanopia
65, 18.967, 220.628

Trichromacy



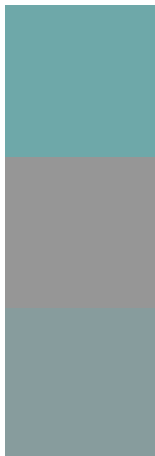
Original Color
65, 19.645, 199.404

Protanomaly
64, 7.589, 215.972

Deuteranomaly
65, 8.347, 259.570

Tritanomaly
65, 19.035, 211.537

Monochromacy



Original Color
65, 19.645, 199.404

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.763, 202.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.645, 199.404 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(110, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(110, 168, 169)  
}
```

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(110, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 168, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.645, 199.404 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(110, 168, 169) }
```

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

```
.border{ border-color:rgb(110, 168, 169) }
```

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

Here you see how a box with a 4 pixel rgb(110, 168, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(110, 168,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.645, 199.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 168, 169) }
```

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

```
.background{ background-color: rgb(110,  
168, 169) }
```

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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