Converting Colors

CIELCh(65, 14.712, 196.029)

Have a look what the booklet for CIELCh(65, 14.712, 196.029) contains.

Color

CIELCh(65, 14.577, 195.969)

Conversions

Conversions Part 1

Format	Color
Hex	7CA5A4
RGB	124, 165, 164
RGB Percent	49%, 65%, 64%
CMY	0.5123, 0.3515, 0.3554
CMYK	0.25, 0.00, 0.01, 0.35
HSL	179°, 19%, 57%
HSV	179°, 25%, 65%
XYZ	28.6182, 34.0472, 40.3579
YIQ	152.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

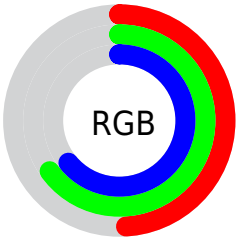
Format	Color
RYB	124, 145, 165
Decimal	8168868
CIELab	65.00, -14.01, -4.01
CIELCh	65, 14.577, 195.969
Yxy	34.0472, 0.2778, 0.3305
Android (android.graphics.Color)	4286358948 (0xFF7CA5A4)
YUV	152.6270, 5.6069, -25.1059
Hunter-Lab	58.3500, -14.5656, -0.1631

Details

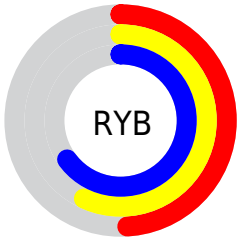
The CIELCh color 65, 14.577, 195.969 is a light color, and the websafe version is hex 669999. A complement of this color would be 56, 17.030, 19.375, and the grayscale version is 63, 0.008, 296.813.

A 20% lighter version of the original color is 85, 14.391, 196.326, and 45, 14.412, 195.395 is the 20% darker color. If you saturate the color by 10%, you get 64, 19.725, 195.427, and if you desaturate by 10%, it is 66, 8.962, 196.545.

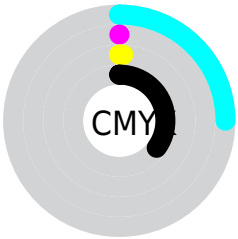
Distribution



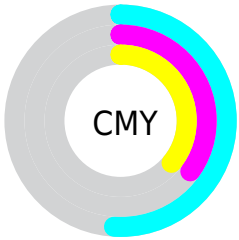
- Red (49%)
- Green (65%)
- Blue (64%)



- Red (49%)
- Yellow (57%)
- Blue (65%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.577, 195.969 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, 14.577, 195.969 by changing the saturation by 10% instead.

65, 14.577, 195.969

100, 14.577, 195.969

85, 14.577, 195.969

95, 14.577, 195.969

65, 14.577, 195.969

55, 14.577, 195.969

45, 14.577, 195.969

35, 14.577, 195.969

25, 14.577, 195.969

15, 14.577, 195.969

5, 14.577, 195.969

0, 14.577, 195.969

65, 14.577, 195.969

64, 19.725, 195.427

63, 24.308, 194.928

63, 28.236, 194.466

62, 31.441, 194.040

62, 33.884, 193.643

62, 35.568, 193.271

61, 36.551, 192.912

61, 36.923,

65, 14.577, 195.969

66, 8.962, 196.545

67, 2.976, 197.239

69, 3.287, 17.543

70, 9.748, 18.265

72, 16.336, 18.921

73, 22.995, 19.573

75, 29.679, 20.223

77, 35.686, 20.770

77, 35.659, 20.430

192.729

Harmonies

Complementary

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

65, 14.577, 195.969

56, 17.030, 19.375

Rectangle

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

65, 14.577, 195.969

65, 14.577, 245.969

65, 14.577, 15.969

65, 14.577, 65.969

Sweetspot

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

65, 14.578, 195.964

85, 5.331, 197.048

64, 27.581, 142.007

45, 3.453, 197.008

93, 0.011, 296.813

45, 0.006, 296.813

Same Dimension

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

65, 14.578, 195.964

82, 21.336, 195.651

60, 13.068, 255.266

34, 3.436, 196.898

54, 33.581, 192.767

4, 5.473, 196.711

Inverse Universe

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

56, 17.030, 19.375

68, 25.949, 20.049

61, 14.151, 68.831

32, 3.629, 17.920

30, 67.207, 38.289

1, 5.469, 17.559

Previews

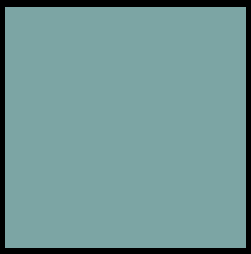
White Background

This preview shows how the CIELCh color 65, 14.577, 195.969 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



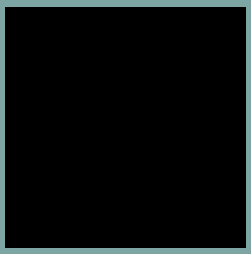
This preview shows how the CIELCh color 65, 14.577, 195.969 looks on a black background.

Color Contrast Check

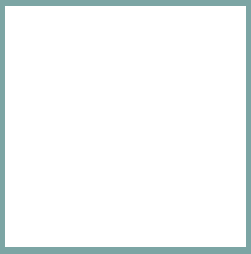
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 65, 14.577, 195.969 Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.577, 195.969.



This preview shows how white text looks on a background with the CIELCh color 65, 14.577, 195.969.

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, 14.577, 195.969

Protanopia
65, 2.041, 324.437

Deuteranopia
65, 9.677, 326.756

Tritanopia
65, 14.379, 231.511

Trichromacy

Original Color
65, 14.577, 195.969

Protanomaly
65, 4.942, 212.124

Deuteranomaly
65, 5.309, 270.300

Tritanomaly
65, 13.814, 217.269

Monochromacy

Original Color
65, 14.577, 195.969

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 5.240, 199.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.577, 195.969 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(124, 165, 164) looks like.

```
.text, #text, p{
    color:rgb(124, 165, 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(124, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.577, 195.969 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(124, 165, 164) }
```

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

```
.border{ border-color:rgb(124, 165, 164) }
```

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

Here you see how a box with a 4 pixel rgb(124, 165, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 165, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 165, 164); box-shadow:4px 4px 4px 4px rgb(124, 165, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.577, 195.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 165, 164) }
```

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

```
.background{ background-color:rgb(124,
165, 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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