

Converting Colors

CIELCh(65, 16.113, 193.425)

Have a look what the booklet for
CIELCh(65, 16.113, 193.425)
contains.

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Color

CIELCh(65, 15.942, 194.026)

Conversions

Conversions Part 1

Format	Color
Hex	79A6A4
RGB	121, 166, 164
RGB Percent	47%, 65%, 64%
CMY	0.5252, 0.3488, 0.3566
CMYK	0.27, 0.00, 0.01, 0.35
HSL	177°, 20%, 56%
HSV	177°, 27%, 65%
XYZ	28.2478, 34.0472, 40.2344
YIQ	152.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

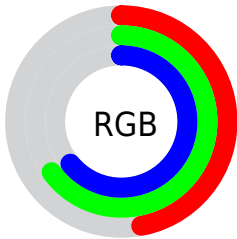
Format	Color
RYB	121, 144, 166
Decimal	7972516
CIELab	65.00, -15.47, -3.86
CIElCh	65, 15.942, 194.026
Yxy	34.0472, 0.2755, 0.3321
Android (android.graphics.Color)	4286162596 (0xFF79A6A4)
YUV	152.3170, 5.7597, -27.4650
Hunter-Lab	58.3500, -15.6988, -0.0376

Details

The CIELCh color **65, 15.942, 194.026** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 18.795, 18.086**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 15.732, 194.481**, and **45, 16.083, 193.314** is the 20% darker color. If you saturate the color by 10%, you get **64, 21.042, 193.414**, and if you desaturate by 10%, it is **66, 10.364, 194.657**.

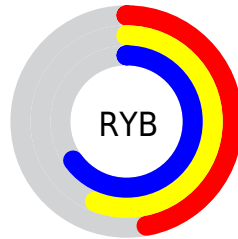
Distribution



Red (47%)

Green (65%)

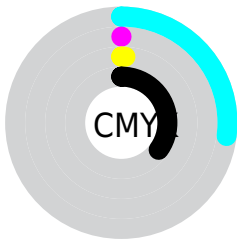
Blue (64%)



Red (47%)

Yellow (56%)

Blue (65%)

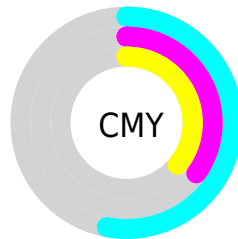


Cyan (27%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (53%)


Magenta (35%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.942, 194.026 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, 15.942, 194.026 by changing the saturation by 10% instead.


 65, 15.942,
194.026


 65, 15.942,
194.026


 100, 15.942,
194.026


 55, 15.942,
194.026


 85, 15.942,
194.026

 45, 15.942,
194.026

 95, 15.942,
194.026

 35, 15.942,
194.026

 25, 15.942,
194.026

 15, 15.942,
194.026

 5, 15.942, 194.026

 0, 15.942, 194.026

65, 15.942,
194.026

65, 15.942,
194.026

64, 21.042,
193.414

66, 10.364,
194.657

63, 25.564,
192.828

67, 4.406, 195.354

69, 1.837, 15.637

63, 29.420,
192.260

70, 8.282, 16.499

62, 32.545,
191.703

72, 14.857, 17.190

62, 34.905,
191.149

73, 21.504, 17.869

75, 28.175, 18.541

62, 36.511,
190.586

77, 34.835, 19.206

62, 37.459,
190.006

77, 35.234, 18.660

61, 37.692,

189.838

Harmonies

Complementary

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



65, 15.942, 194.026



55, 18.795, 18.086

Rectangle

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



65, 15.942, 194.026



65, 15.942, 244.026



65, 15.942, 14.026



65, 15.942, 64.026

Sweetspot

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



65, 15.943, 194.022



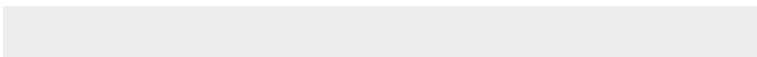
85, 6.154, 195.273



64, 30.074, 141.420



45, 4.394, 195.165



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, 15.943, 194.022



82, 23.565, 193.624



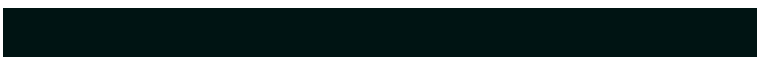
59, 14.098, 253.694



35, 3.534, 195.188



55, 34.605, 189.898



5, 6.606, 194.265

Inverse Universe

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



55, 18.795, 18.086



67, 29.044, 18.929



60, 15.516, 66.752



33, 3.726, 16.302



30, 67.451, 37.563



1, 6.587, 16.219

Previews

White Background



This preview shows how the CIELCh color 65, 15.942, 194.026 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, 15.942, 194.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

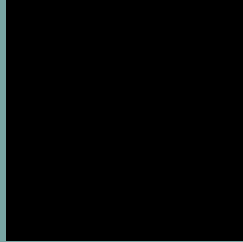
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

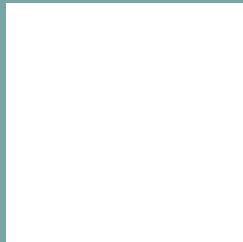
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 15.942, 194.026

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.942, 194.026.

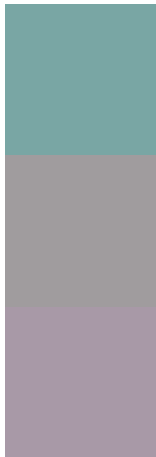


This preview shows how white text looks on a background with the CIELCh color 65, 15.942, 194.026.

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, 15.942, 194.026

Protanopia
65, 1.907, 343.670

Deuteranopia
65, 9.677, 326.756



Tritanopia
65, 15.219, 226.938

Trichromacy



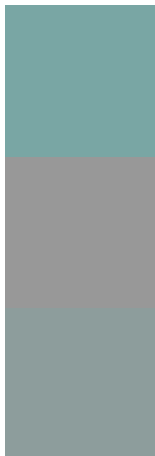
Original Color
65, 15.942, 194.026

Protanomaly
65, 5.224, 199.027

Deuteranomaly
65, 5.105, 260.170

Tritanomaly
65, 14.914, 213.472

Monochromacy



Original Color
65, 15.942, 194.026

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.023, 193.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.942, 194.026 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(121, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(121, 166, 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(121, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 166, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.942, 194.026 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(121, 166, 164) }
```

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

```
.border{ border-color:rgb(121, 166, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(121, 166,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.942, 194.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 166, 164) }
```

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

```
.background{ background-color: rgb(121,  
166, 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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