

Converting Colors

CIELCh(65, 5.346, 195.866)

Have a look what the booklet for
CIELCh(65, 5.346, 195.866) contains.

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Color

CIELCh(65, 5.636, 193.313)

Conversions

Conversions Part 1

Format	Color
Hex	92A1A0
RGB	146, 161, 160
RGB Percent	57%, 63%, 63%
CMY	0.4282, 0.3694, 0.3733
CMYK	0.09, 0.00, 0.01, 0.37
HSL	176°, 7%, 60%
HSV	176°, 9%, 63%
XYZ	30.8596, 34.0472, 38.1147
YIQ	156.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

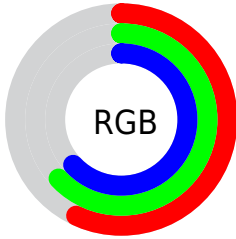
Format	Color
RYB	146, 154, 161
Decimal	9609632
CIELab	65.00, -5.48, -1.30
CIElCh	65, 5.636, 193.313
Yxy	34.0472, 0.2995, 0.3305
Android (android.graphics.Color)	4287799712 (0xFF92A1A0)
YUV	156.4010, 1.7743, -9.1217
Hunter-Lab	58.3500, -7.7090, 2.1162

Details

The CIELCh color **65, 5.636, 193.313** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 5.929, 14.500**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 5.707, 193.802**, and **45, 5.547, 198.814** is the 20% darker color. If you saturate the color by 10%, you get **64, 11.408, 192.571**, and if you desaturate by 10%, it is **66, 0.416, 12.800**.

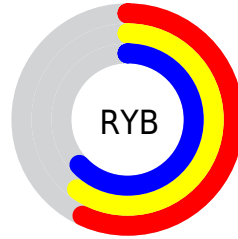
Distribution



Red (57%)

Green (63%)

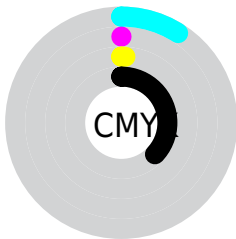
Blue (63%)



Red (57%)

Yellow (60%)

Blue (63%)

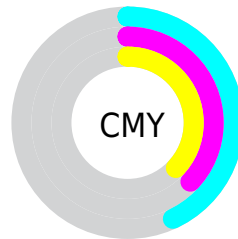


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.636, 193.313 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, 5.636, 193.313 by changing the saturation by 10% instead.

■ 65, 5.636, 193.313

■ 65, 5.636, 193.313

■ 100, 5.636,
193.313

■ 55, 5.636, 193.313

■ 85, 5.636, 193.313

■ 45, 5.636, 193.313

■ 95, 5.636, 193.313

■ 35, 5.636, 193.313

■ 25, 5.636, 193.313

■ 15, 5.636, 193.313

■ 5, 5.636, 193.313

■ 0, 5.636, 193.313

■ 65, 5.636, 193.313

■ 65, 5.636, 193.313

■ 64, 11.408,

■ 66, 0.416, 12.800

192.571

68, 6.666, 14.536

63, 16.806,
191.875

69, 13.044, 15.266

62, 21.731,
191.190

71, 19.491, 15.971

61, 26.089,
190.508

72, 25.960, 16.665

61, 29.795,
189.821

76, 37.476, 17.700

60, 32.788,
189.120

76, 37.435, 16.833

60, 35.041,
188.393

76, 37.403, 15.964

60, 36.570,
187.624

60, 37.542,
186.815

Harmonies

Complementary

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



65, 5.636, 193.313



62, 5.929, 14.500

Rectangle

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



65, 5.636, 193.313



65, 5.636, 243.313



65, 5.636, 13.313



65, 5.636, 63.313

Sweetspot

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



65, 5.637, 193.300



83, 2.271, 193.899



65, 9.924, 141.720



44, 1.716, 193.795



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 5.637, 193.300



82, 8.199, 193.157



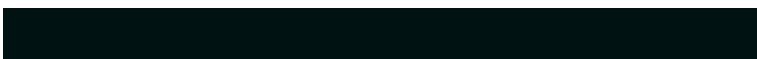
63, 4.726, 247.029



34, 3.460, 193.304



54, 34.899, 186.839



4, 5.517, 192.185

Inverse Universe

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



62, 5.929, 14.500



77, 8.715, 14.673



63, 4.887, 64.854



32, 3.638, 14.496



30, 65.772, 36.542



1, 5.491, 14.381

Previews

White Background



This preview shows how the CIELCh color 65, 5.636, 193.313 looks on a white background.

Color Contrast Check

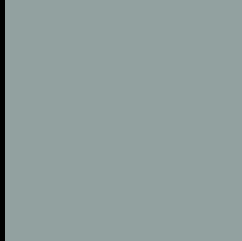
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 5.636, 193.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

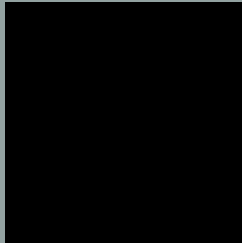
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

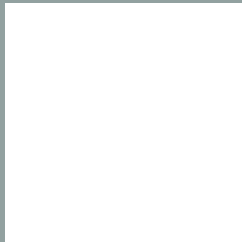
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.636, 193.313

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.636, 193.313.

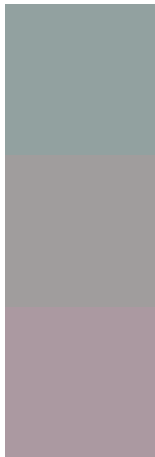


This preview shows how white text looks on a background with the CIELCh color 65, 5.636, 193.313.

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, 5.636, 193.313

Protanopia

65, 1.151, 19.110

Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 5.636, 193.313

Protanomaly
65, 1.139, 199.709

Deuteranomaly
65, 3.623, 329.539

Tritanomaly
65, 6.433, 242.977

Monochromacy



Original Color
65, 5.636, 193.313

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.349, 185.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.636, 193.313 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(146, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 161, 160)  
}
```

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(146, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 161, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.636, 193.313 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(146, 161, 160) }
```

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

```
.border{ border-color:rgb(146, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 161,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.636, 193.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 161, 160) }
```

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

```
.background{ background-color: rgb(146,  
161, 160) }
```

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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