

Converting Colors

CIELCh(65, 5.776, 187.015)

Have a look what the booklet for
CIELCh(65, 5.776, 187.015) contains.

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Color

CIELCh(65, 5.741, 187.790)

Conversions

Conversions Part 1

Format	Color
Hex	92A19F
RGB	146, 161, 159
RGB Percent	57%, 63%, 62%
CMY	0.4279, 0.3691, 0.3769
CMYK	0.09, 0.00, 0.01, 0.37
HSL	172°, 7%, 60%
HSV	172°, 9%, 63%
XYZ	30.8048, 34.0472, 37.6947
YIQ	156.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

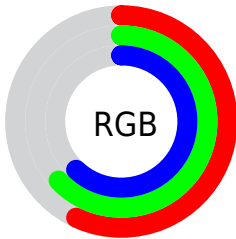
Format	Color
RYB	146, 154, 161
Decimal	9609631
CIELab	65.00, -5.69, -0.78
CIElCh	65, 5.741, 187.790
Yxy	34.0472, 0.3004, 0.3320
Android (android.graphics.Color)	4287799711 (0xFF92A19F)
YUV	156.2870, 1.3375, -9.0217
Hunter-Lab	58.3500, -7.8765, 2.5430

Details

The CIELCh color $65, 5.741, 187.790$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.996, 9.179$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.799, 188.627$, and $45, 5.613, 192.678$ is the 20% darker color. If you saturate the color by 10%, you get $64, 11.675, 186.914$, and if you desaturate by 10%, it is $66, 0.426, 7.447$.

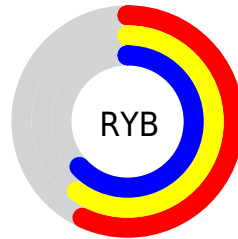
Distribution



Red (57%)

Green (63%)

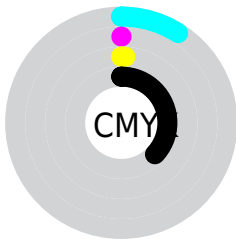
Blue (62%)



Red (57%)

Yellow (60%)

Blue (63%)

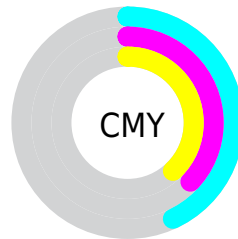


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.741, 187.790 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, 5.741, 187.790 by changing the saturation by 10% instead.

■ 65, 5.741, 187.790

■ 65, 5.741, 187.790

■ 100, 5.741,
187.790

■ 55, 5.741, 187.790

■ 85, 5.741, 187.790

■ 45, 5.741, 187.790

■ 95, 5.741, 187.790

■ 35, 5.741, 187.790

■ 25, 5.741, 187.790

■ 15, 5.741, 187.790

■ 5, 5.741, 187.790

■ 0, 5.741, 187.790

■ 65, 5.741, 187.790

■ 65, 5.741, 187.790

■ 64, 11.675,

■ 66, 0.426, 7.447

186.914

68, 6.747, 9.220

63, 17.281,
186.052

69, 13.154, 10.019

62, 22.461,
185.162

71, 19.590, 10.781

61, 27.114,
184.231

73, 26.015, 11.521

61, 31.149,
183.244

74, 32.394, 12.242

60, 34.497,
182.183

76, 37.342, 12.414

60, 37.123,
181.028

76, 37.386, 10.675

59, 39.037,
179.761

59, 40.400,
178.402

Harmonies

Complementary

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



65, 5.741, 187.790



62, 5.996, 9.179

Rectangle

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



65, 5.741, 187.790



65, 5.741, 237.790



65, 5.741, 7.790



65, 5.741, 57.790

Sweetspot

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



65, 5.742, 187.778



83, 2.307, 188.442



65, 9.715, 139.860



44, 1.744, 188.332



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, 5.742, 187.778



82, 8.360, 187.612



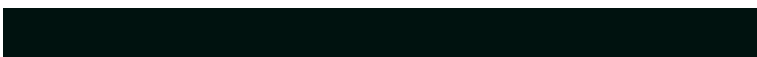
64, 4.616, 238.718



34, 3.525, 187.782



54, 37.536, 178.446



4, 5.645, 185.570

Inverse Universe

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



62, 5.996, 9.179



78, 8.807, 9.370



63, 4.818, 56.904



32, 3.680, 9.175



30, 63.202, 32.964



1, 5.560, 9.455

Previews

White Background



This preview shows how the CIELCh color 65, 5.741, 187.790 looks on a white background.

Color Contrast Check

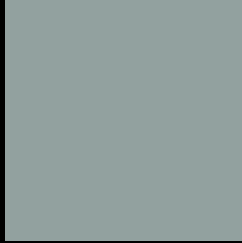
Large Text (above 18pt) WCAG AA × Fail

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, 5.741, 187.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

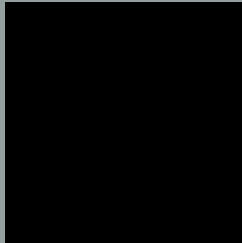
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 5.741, 187.790

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.741, 187.790.



This preview shows how white text looks on a background with the CIELCh color 65, 5.741, 187.790.

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, 5.741, 187.790

Protanopia
65, 1.151, 19.110

Deuteranopia
65, 8.245, 347.627



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 5.741, 187.790

Protanomaly
65, 1.139, 199.709

Deuteranomaly
65, 3.214, 335.825

Tritanomaly
65, 6.084, 238.982

Monochromacy



Original Color
65, 5.741, 187.790

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, 5.741, 187.790 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(146, 161, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 161, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.741, 187.790 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, 159) }
```

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

```
.border{ border-color:rgb(146, 161, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(146, 161,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.741, 187.790 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, 159) }
```

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

```
.background{ background-color: rgb(146,  
161, 159) }
```

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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