

Converting Colors

CIELCh(65, 7.627, 162.655)

Have a look what the booklet for
CIELCh(65, 7.627, 162.655) contains.

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Color

CIELCh(65, 8.218, 161.298)

Conversions

Conversions Part 1

Format	Color
Hex	91A299
RGB	145, 162, 153
RGB Percent	57%, 64%, 60%
CMY	0.4323, 0.3656, 0.4009
CMYK	0.11, 0.00, 0.06, 0.37
HSL	148°, 8%, 60%
HSV	148°, 11%, 63%
XYZ	30.2442, 34.0472, 35.0125
YIQ	155.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

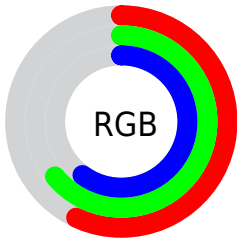
Format	Color
RYB	145, 157, 162
Decimal	9544345
CIELab	65.00, -7.78, 2.64
CIELCh	65, 8.218, 161.298
Yxy	34.0472, 0.3046, 0.3429
Android (android.graphics.Color)	4287734425 (0xFF91A299)
YUV	155.8910, -1.4253, -9.5514
Hunter-Lab	58.3500, -9.5914, 5.2684

Details

The CIELCh color $65, 8.218, 161.298$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.319, 342.898$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.395, 160.165$, and $45, 8.120, 162.509$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.034, 160.380$, and if you desaturate by 10%, it is $66, 0.391, 162.922$.

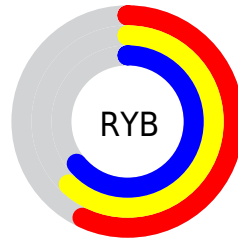
Distribution



Red (57%)

Green (64%)

Blue (60%)



Red (57%)

Yellow (62%)

Blue (64%)

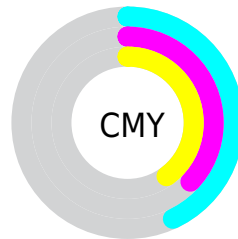


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.218, 161.298 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, 8.218, 161.298 by changing the saturation by 10% instead.

65, 8.218, 161.298

65, 8.218, 161.298

100, 8.218,
161.298

55, 8.218, 161.298

85, 8.218, 161.298

45, 8.218, 161.298

95, 8.218, 161.298

35, 8.218, 161.298

25, 8.218, 161.298

15, 8.218, 161.298

5, 8.218, 161.298

0, 8.218, 161.298

65, 8.218, 161.298

65, 8.218, 161.298

64, 16.034,

66, 0.391, 162.922

160.380

68, 7.374, 342.742

63, 23.737,
159.372

70, 15.019,
343.432

61, 31.215,
158.240

72, 22.502,
344.054

61, 38.340,
156.959

73, 29.794,
344.626

60, 44.983,
155.507

75, 36.882,
345.157

59, 51.029,
153.863

77, 42.934,
344.617

59, 56.393,
152.015

77, 45.501,
339.875

59, 61.041,
149.969

78, 48.375,
335.723

58, 64.929,
147.962

Harmonies

Complementary

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



65, 8.218, 161.298



62, 8.319, 342.898

Rectangle

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



65, 8.218, 161.298



65, 8.218, 211.298



65, 8.218, 341.298



65, 8.218, 31.298

Sweetspot

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



65, 8.220, 161.294



83, 2.882, 162.003



65, 9.913, 127.435



44, 2.182, 161.913



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, 8.220, 161.294



82, 12.535, 161.051



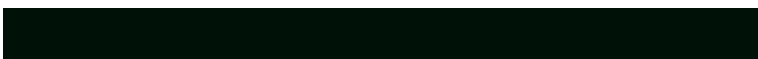
65, 6.326, 196.057



34, 4.455, 161.404



53, 59.751, 148.186



4, 7.162, 159.886

Inverse Universe

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



62, 8.319, 342.898



77, 12.719, 343.138



62, 6.725, 17.307



32, 4.504, 342.790



31, 56.216, 358.411



1, 6.704, 344.760

Previews

White Background



This preview shows how the CIELCh color 65, 8.218, 161.298 looks on a white background.

Color Contrast Check

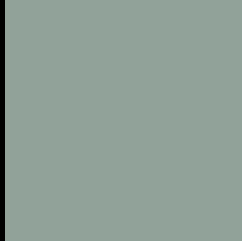
Large Text (above 18pt) WCAG AA × Fail

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, 8.218, 161.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

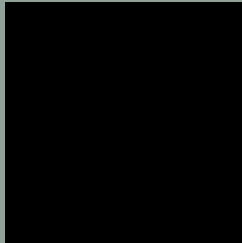
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

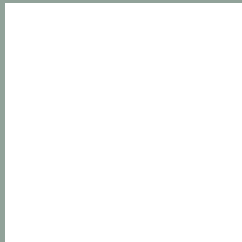
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.218, 161.298

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.218, 161.298.



This preview shows how white text looks on a background with the CIELCh color 65, 8.218, 161.298.

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, 8.218, 161.298

Protanopia

65, 4.327, 82.898

Deuteranopia

65, 8.762, 9.299



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 8.218, 161.298

Protanomaly
65, 4.588, 124.355

Deuteranomaly
65, 2.921, 41.762

Tritanomaly
65, 5.488, 229.604

Monochromacy



Original Color
65, 8.218, 161.298

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.846, 163.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.218, 161.298 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(145, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 153)  
}
```

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(145, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.218, 161.298 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(145, 162, 153) }
```

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

```
.border{ border-color:rgb(145, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.218, 161.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 153) }
```

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

```
.background{ background-color: rgb(145,  
162, 153) }
```

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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