

Converting Colors

CIELCh(65, 8.410, 164.362)

Have a look what the booklet for
CIELCh(65, 8.410, 164.362) contains.

CIELCh(65, 8.517, 162.774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 8.517, 162.774)

Conversions

Conversions Part 1

Format	Color
Hex	90A299
RGB	144, 162, 153
RGB Percent	56%, 64%, 60%
CMY	0.4355, 0.3649, 0.4002
CMYK	0.11, 0.00, 0.06, 0.36
HSL	150°, 9%, 60%
HSV	150°, 11%, 64%
XYZ	30.1511, 34.0472, 35.0991
YIQ	155.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

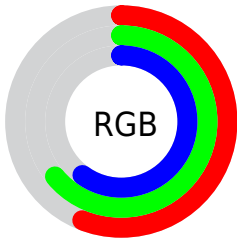
Format	Color
RYB	144, 156, 162
Decimal	9478809
CIELab	65.00, -8.13, 2.52
CIELCh	65, 8.517, 162.774
Yxy	34.0472, 0.3036, 0.3429
Android (android.graphics.Color)	4287668889 (0xFF90A299)
YUV	155.5920, -1.2779, -10.1662
Hunter-Lab	58.3500, -9.8764, 5.1805

Details

The CIELCh color $65, 8.517, 162.774$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.641, 344.525$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.676, 161.594$, and $45, 8.120, 162.509$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.157, 161.834$, and if you desaturate by 10%, it is $66, 0.848, 163.967$.

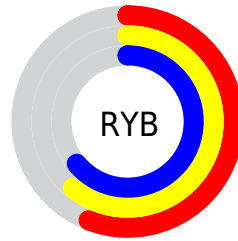
Distribution



Red (56%)

Green (64%)

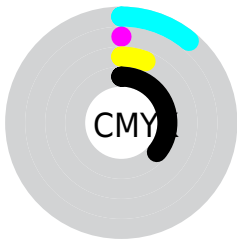
Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

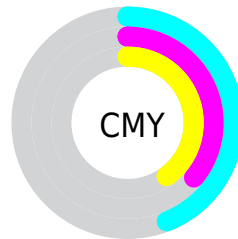


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.517, 162.774 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, 8.517, 162.774 by changing the saturation by 10% instead.

■ 65, 8.517, 162.774

■ 65, 8.517, 162.774

■ 100, 8.517,
162.774

■ 55, 8.517, 162.774

■ 85, 8.517, 162.774

■ 45, 8.517, 162.774

■ 95, 8.517, 162.774

■ 35, 8.517, 162.774

■ 25, 8.517, 162.774

■ 15, 8.517, 162.774

■ 5, 8.517, 162.774

■ 0, 8.517, 162.774

■ 65, 8.517, 162.774

■ 65, 8.517, 162.774

■ 64, 16.157,

■ 66, 0.848, 163.967

161.834

68, 6.776, 344.262

63, 23.666,
160.804

70, 14.295,
344.982

62, 30.932,
159.651

71, 21.666,
345.630

61, 37.831,
158.352

73, 28.859,
346.229

60, 44.238,
156.881

75, 35.857,
346.788

59, 50.044,
155.219

77, 41.990,
346.516

59, 55.173,
153.352

77, 44.288,
341.794

59, 59.602,
151.284

78, 46.884,
337.616

58, 63.093,
149.389

Harmonies

Complementary

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



65, 8.517, 162.774



62, 8.641, 344.525

Rectangle

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



65, 8.517, 162.774



65, 8.517, 212.774



65, 8.517, 342.774



65, 8.517, 32.774

Sweetspot

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



65, 8.519, 162.770



84, 2.851, 163.552



65, 10.535, 128.003



45, 2.180, 163.458



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, 8.519, 162.770



82, 12.388, 162.576



65, 6.673, 197.448



34, 4.361, 162.937



53, 58.013, 149.617



4, 7.027, 161.202

Inverse Universe

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



62, 8.641, 344.525



77, 12.597, 344.719



61, 7.135, 18.703



32, 4.416, 344.358



31, 55.840, 1.104



1, 6.583, 346.261

Previews

White Background



This preview shows how the CIELCh color 65, 8.517, 162.774 looks on a white background.

Color Contrast Check

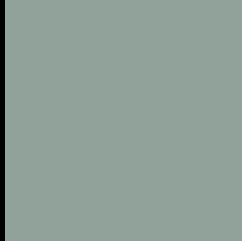
Large Text (above 18pt) WCAG AA × Fail

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, 8.517, 162.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

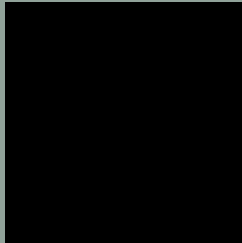
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

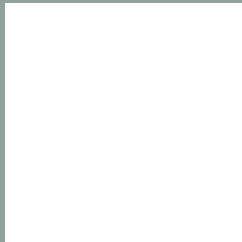
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.517, 162.774

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.517, 162.774.



This preview shows how white text looks on a background with the CIELCh color 65, 8.517, 162.774.

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](#).

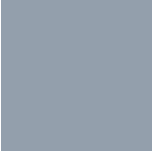
Dichromacy



Original Color
65, 8.517, 162.774

Protanopia
65, 4.327, 82.898

Deuteranopia
65, 8.762, 9.299



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 8.517, 162.774

Protanomaly
65, 4.706, 128.876

Deuteranomaly
65, 2.921, 41.762

Tritanomaly
65, 5.801, 227.776

Monochromacy



Original Color
65, 8.517, 162.774

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, 8.517, 162.774 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(144, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.517, 162.774 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(144, 162, 153) }
```

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

```
.border{ border-color:rgb(144, 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(144, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.517, 162.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 153) }
```

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

```
.background{ background-color: rgb(144,  
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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