

Converting Colors

CIELCh(65, 6.753, 203.688)

Have a look what the booklet for
CIELCh(65, 6.753, 203.688) contains.

CIELCh(65, 6.661, 203.693)	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, 6.661, 203.693)

Conversions

Conversions Part 1

Format	Color
Hex	8FA1A2
RGB	143, 161, 162
RGB Percent	56%, 63%, 64%
CMY	0.4383, 0.3677, 0.3638
CMYK	0.12, 0.01, 0.00, 0.36
HSL	183°, 9%, 60%
HSV	183°, 12%, 64%
XYZ	30.6942, 34.0472, 39.2442
YIQ	155.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

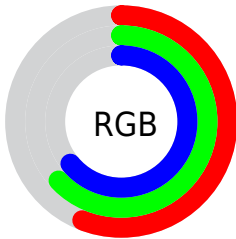
Format	Color
RYB	143, 152, 162
Decimal	9413026
CIELab	65.00, -6.10, -2.68
CIElCh	65, 6.661, 203.693
Yxy	34.0472, 0.2952, 0.3274
Android (android.graphics.Color)	4287603106 (0xFF8FA1A2)
YUV	155.7320, 3.0901, -11.1660
Hunter-Lab	58.3500, -8.2149, 0.9685

Details

The CIELCh color `65, 6.661, 203.693` is a light color, and the websafe version is hex `999999`. A complement of this color would be `61, 7.177, 24.490`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 6.697, 203.533`, and `45, 6.299, 204.193` is the 20% darker color. If you saturate the color by 10%, you get `64, 11.985, 203.367`, and if you desaturate by 10%, it is `66, 0.999, 204.430`.

Distribution



Red (56%)

Green (63%)

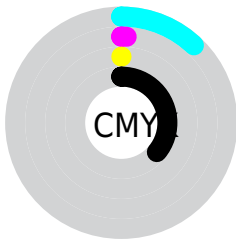
Blue (64%)



Red (56%)

Yellow (60%)

Blue (64%)

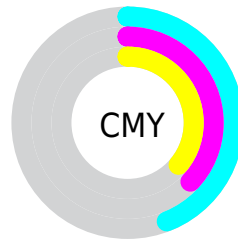


Cyan (12%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.661, 203.693 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, 6.661, 203.693 by changing the saturation by 10% instead.

■ 65, 6.661, 203.693

■ 65, 6.661, 203.693

■ 100, 6.661,
203.693

■ 55, 6.661, 203.693

■ 85, 6.661, 203.693

■ 45, 6.661, 203.693

■ 95, 6.661, 203.693

■ 35, 6.661, 203.693

■ 25, 6.661, 203.693

■ 15, 6.661, 203.693

■ 5, 6.661, 203.693

■ 0, 6.661, 203.693

■ 65, 6.661, 203.693

■ 65, 6.661, 203.693

■ 64, 11.985,

■ 66, 0.999, 204.430

203.367

68, 4.922, 24.249

62, 16.881,
203.150

70, 11.031, 24.732

61, 21.256,
203.031

71, 17.267, 25.205

60, 25.024,
203.025

73, 23.583, 25.687

60, 28.109,
203.147

77, 35.571, 26.693

59, 30.464,
203.414

77, 35.295, 27.399

58, 32.074,
203.843

77, 35.024, 28.116

58, 32.973,
204.445

58, 33.354,
205.040

Harmonies

Complementary

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



65, 6.661, 203.693



61, 7.177, 24.490

Rectangle

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



65, 6.661, 203.693



65, 6.661, 253.693



65, 6.661, 23.693



65, 6.661, 73.693

Sweetspot

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



65, 6.662, 203.681



84, 2.878, 204.069



65, 12.483, 145.127



45, 2.058, 204.012



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, 6.662, 203.681



82, 9.816, 203.590



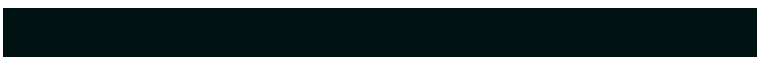
62, 6.592, 262.233



34, 3.253, 203.778



52, 30.790, 204.955



4, 5.108, 205.594

Inverse Universe

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



62, 12.480, 326.506



77, 18.541, 326.650



64, 6.718, 79.144



32, 6.047, 326.365



34, 73.012, 330.393



2, 9.255, 326.353

Previews

White Background



This preview shows how the CIELCh color 65, 6.661, 203.693 looks on a white background.

Color Contrast Check

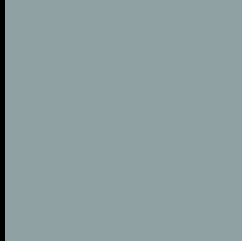
Large Text (above 18pt) WCAG AA × Fail

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, 6.661, 203.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

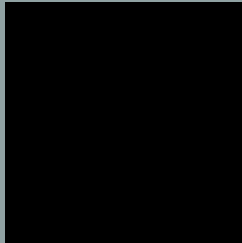
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

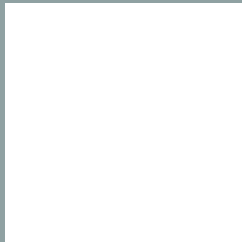
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.661, 203.693

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.661, 203.693.



This preview shows how white text looks on a background with the CIELCh color 65, 6.661, 203.693.

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

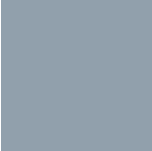
65, 6.661, 203.693

Protanopia

65, 2.038, 324.435

Deuteranopia

65, 8.944, 337.183



Tritanopia
65, 8.476, 251.208

Trichromacy



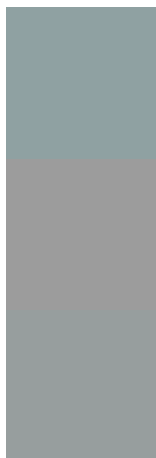
Original Color
65, 6.661, 203.693

Protanomaly
65, 2.172, 230.262

Deuteranomaly
65, 4.201, 311.671

Tritanomaly
65, 7.240, 237.072

Monochromacy



Original Color
65, 6.661, 203.693

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.644, 199.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.661, 203.693 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(143, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(143, 161, 162)  
}
```

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(143, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 161, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.661, 203.693 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(143, 161, 162) }
```

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

```
.border{ border-color:rgb(143, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(143, 161,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.661, 203.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 161, 162) }
```

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

```
.background{ background-color: rgb(143,  
161, 162) }
```

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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