

Converting Colors

CIELCh(65, 9.760, 238.737)

Have a look what the booklet for
CIELCh(65, 9.760, 238.737) contains.

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Color

CIELCh(65, 9.546, 238.917)

Conversions

Conversions Part 1

Format	Color
Hex	8CA1AC
RGB	140, 161, 172
RGB Percent	55%, 63%, 67%
CMY	0.4509, 0.3686, 0.3255
CMYK	0.19, 0.06, 0.00, 0.33
HSL	201°, 16%, 61%
HSV	201°, 19%, 67%
XYZ	31.0097, 34.0472, 43.9706
YIQ	155.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

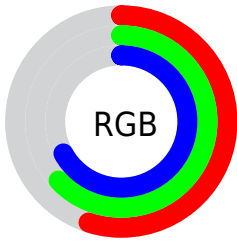
Format	Color
RYB	140, 153, 172
Decimal	9216428
CIELab	65.00, -4.93, -8.18
CIELCh	65, 9.546, 238.917
Yxy	34.0472, 0.2844, 0.3123
Android (android.graphics.Color)	4287406508 (0xFF8CA1AC)
YUV	155.9750, 7.9003, -14.0101
Hunter-Lab	58.3500, -7.2499, -3.8341

Details

The CIELCh color `65, 9.546, 238.917` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 10.487, 55.454`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 9.401, 237.129`, and `45, 9.690, 236.904` is the 20% darker color. If you saturate the color by 10%, you get `62, 14.354, 240.262`, and if you desaturate by 10%, it is `68, 4.499, 237.854`.

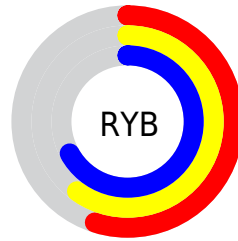
Distribution



Red (55%)

Green (63%)

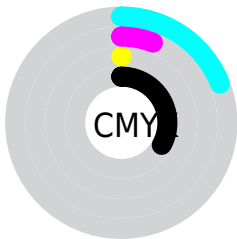
Blue (67%)



Red (55%)

Yellow (60%)

Blue (67%)

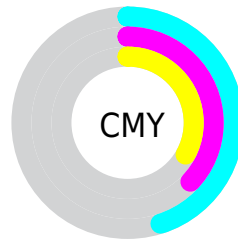


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.546, 238.917 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, 9.546, 238.917 by changing the saturation by 10% instead.

■ 65, 9.546, 238.917

■ 65, 9.546, 238.917

■ 100, 9.546,
238.917

■ 55, 9.546, 238.917

■ 85, 9.546, 238.917

■ 45, 9.546, 238.917

■ 95, 9.546, 238.917

■ 35, 9.546, 238.917

■ 25, 9.546, 238.917

■ 15, 9.546, 238.917

■ 5, 9.546, 238.917

■ 0, 9.546, 238.917

■ 65, 9.546, 238.917

■ 65, 9.546, 238.917

■ 62, 14.354,

■ 68, 4.499, 237.854

240.262

71, 0.737, 56.281

60, 18.873,
241.953

74, 6.117, 56.068

57, 23.053,
244.051

77, 11.604, 55.508

54, 26.858,
246.638

80, 17.165, 55.034

52, 30.277,
249.795

83, 22.775, 54.638

50, 33.338,
253.579

85, 26.592, 56.872

87, 26.790, 64.678

48, 36.120,
257.996

88, 27.484, 72.210

46, 38.790,
262.857

45, 39.178,
263.513

Harmonies

Complementary

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



65, 9.546, 238.917



64, 10.487, 55.454

Rectangle

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



65, 9.546, 238.917



65, 9.546, 288.917



65, 9.546, 58.917



65, 9.546, 108.917

Sweetspot

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



65, 9.546, 238.908



87, 3.913, 237.652



68, 16.973, 154.277



46, 2.589, 237.698



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 9.546, 238.908



81, 13.902, 239.386



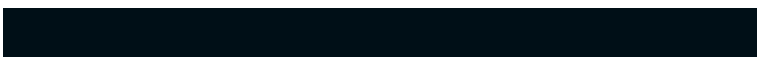
61, 15.110, 284.636



35, 2.976, 237.918



40, 35.265, 262.902



4, 6.583, 248.403

Inverse Universe

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



62, 17.011, 337.436



77, 25.016, 337.736



68, 14.740, 100.282



34, 5.177, 336.724



33, 60.845, 347.800



2, 10.144, 340.441

Previews

White Background



This preview shows how the CIELCh color 65, 9.546, 238.917 looks on a white background.

Color Contrast Check

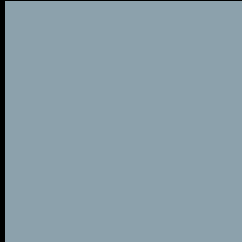
Large Text (above 18pt) WCAG AA × Fail

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, 9.546, 238.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

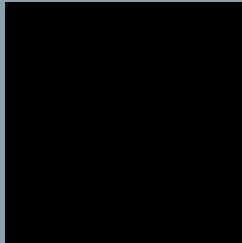
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

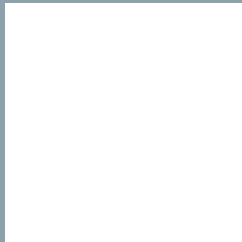
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.546, 238.917

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.546, 238.917.

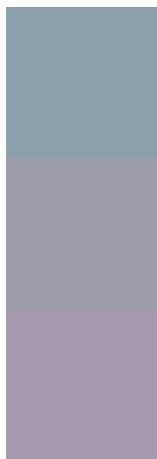


This preview shows how white text looks on a background with the CIELCh color 65, 9.546, 238.917.

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, 9.546, 238.917

Protanopia

65, 7.254, 293.876

Deuteranopia

65, 12.567, 312.023



Tritanopia
65, 10.235, 244.054

Trichromacy



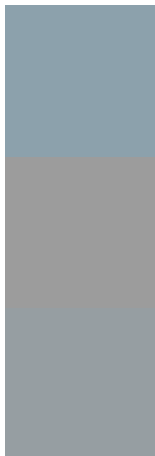
Original Color
65, 9.546, 238.917

Protanomaly
65, 7.097, 269.725

Deuteranomaly
65, 9.464, 291.183

Tritanomaly
65, 9.881, 241.573

Monochromacy



Original Color
65, 9.546, 238.917

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 3.692, 236.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.546, 238.917 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(140, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 172)  
}
```

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(140, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.546, 238.917 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(140, 161, 172) }
```

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

```
.border{ border-color:rgb(140, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.546, 238.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 172) }
```

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

```
.background{ background-color: rgb(140,  
161, 172) }
```

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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