

Converting Colors

CIELCh(65, 8.746, 241.690)

Have a look what the booklet for
CIELCh(65, 8.746, 241.690) contains.

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Color

CIELCh(65, 8.692, 238.863)

Conversions

Conversions Part 1

Format	Color
Hex	8EA1AB
RGB	142, 161, 171
RGB Percent	56%, 63%, 67%
CMY	0.4442, 0.3697, 0.3305
CMYK	0.17, 0.06, 0.00, 0.33
HSL	201°, 15%, 61%
HSV	201°, 17%, 67%
XYZ	31.1271, 34.0472, 43.3175
YIQ	156.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

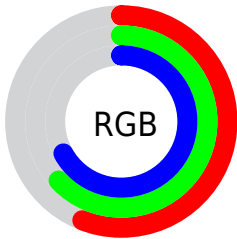
Format	Color
RYB	142, 153, 171
Decimal	9347499
CIELab	65.00, -4.49, -7.44
CIElCh	65, 8.692, 238.863
Yxy	34.0472, 0.2869, 0.3138
Android (android.graphics.Color)	4287537579 (0xFF8EA1AB)
YUV	156.4590, 7.1687, -12.6805
Hunter-Lab	58.3500, -6.8907, -3.1704

Details

The CIELCh color `65, 8.692, 238.863` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 9.461, 55.698`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 8.575, 236.996`, and `45, 8.812, 236.465` is the 20% darker color. If you saturate the color by 10%, you get `62, 13.515, 240.161`, and if you desaturate by 10%, it is `68, 3.641, 237.851`.

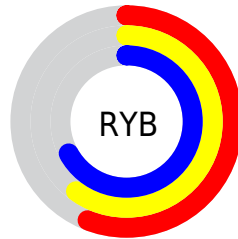
Distribution



Red (56%)

Green (63%)

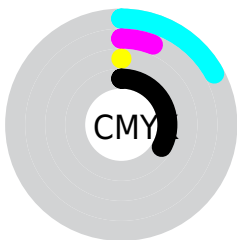
Blue (67%)



Red (56%)

Yellow (60%)

Blue (67%)

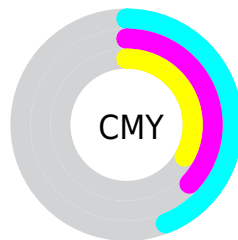


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.692, 238.863 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, 8.692, 238.863 by changing the saturation by 10% instead.

■ 65, 8.692, 238.863

■ 65, 8.692, 238.863

■ 100, 8.692,
238.863

■ 55, 8.692, 238.863

■ 85, 8.692, 238.863

■ 45, 8.692, 238.863

■ 95, 8.692, 238.863

■ 35, 8.692, 238.863

■ 25, 8.692, 238.863

■ 15, 8.692, 238.863

■ 5, 8.692, 238.863

■ 0, 8.692, 238.863

■ 65, 8.692, 238.863

■ 65, 8.692, 238.863

■ 62, 13.515,

■ 68, 3.641, 237.851

240.161



71, 1.590, 56.598

59, 18.061,
241.796



74, 6.957, 56.099

57, 22.279,
243.826



77, 12.423, 55.549

54, 26.130,
246.331



80, 17.959, 55.085

52, 29.600,
249.392



85, 27.052, 57.281

50, 32.708,
253.072



87, 27.265, 64.913

48, 35.525,
257.389



88, 27.961, 72.276

46, 38.190,
262.226

45, 39.022,
263.654

Harmonies

Complementary

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



65, 8.692, 238.863



64, 9.461, 55.698

Rectangle

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



65, 8.692, 238.863



65, 8.692, 288.863



65, 8.692, 58.863



65, 8.692, 108.863

Sweetspot

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



65, 8.692, 238.853



87, 3.237, 237.716



67, 15.397, 154.416



46, 2.223, 237.760



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, 8.692, 238.853



81, 12.580, 239.261



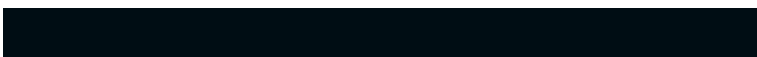
61, 13.675, 284.408



34, 2.904, 238.048



39, 34.861, 262.992



3, 5.505, 246.561

Inverse Universe

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



62, 15.409, 337.356



77, 22.497, 337.620



68, 13.369, 100.464



33, 5.047, 336.767



32, 60.071, 347.843



2, 8.642, 339.679

Previews

White Background



This preview shows how the CIELCh color 65, 8.692, 238.863 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, 8.692, 238.863 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

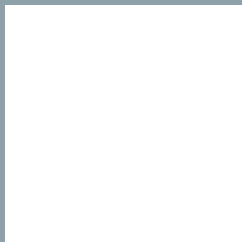
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.692, 238.863

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.692, 238.863.



This preview shows how white text looks on a background with the CIELCh color 65, 8.692, 238.863.

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

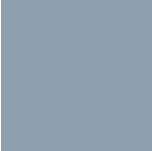
65, 8.692, 238.863

Protanopia

65, 6.699, 294.069

Deuteranopia

65, 11.689, 315.673



Tritanopia
65, 9.545, 248.484

Trichromacy



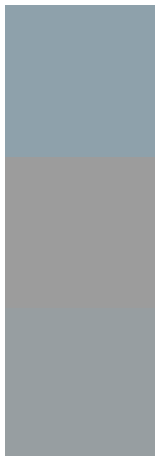
Original Color
65, 8.692, 238.863

Protanomaly
65, 6.585, 267.868

Deuteranomaly
65, 8.921, 293.483

Tritanomaly
65, 9.156, 246.005

Monochromacy



Original Color
65, 8.692, 238.863

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 3.086, 232.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.692, 238.863 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(142, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(142, 161, 171)  
}
```

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(142, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 161, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.692, 238.863 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(142, 161, 171) }
```

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

```
.border{ border-color:rgb(142, 161, 171) }
```

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

Here you see how a box with a 4 pixel rgb(142, 161, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(142, 161,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.692, 238.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 161, 171) }
```

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

```
.background{ background-color: rgb(142,  
161, 171) }
```

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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