

Converting Colors

CIELCh(65, 12.146, 259.846)

Have a look what the booklet for
CIELCh(65, 12.146, 259.846)
contains.

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Color

CIELCh(65, 12.146, 259.846)

Conversions

Conversions Part 1

Format	Color
Hex	8EA0B3
RGB	142, 160, 179
RGB Percent	56%, 63%, 70%
CMY	0.4439, 0.3734, 0.2989
CMYK	0.21, 0.11, 0.00, 0.30
HSL	211°, 20%, 63%
HSV	211°, 21%, 70%
XYZ	31.7691, 34.0472, 47.4309
YIQ	156.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

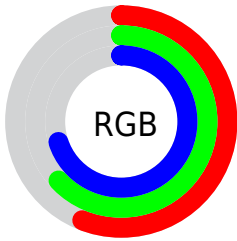
Format	Color
RYB	142, 154, 179
Decimal	9347251
CIELab	65.00, -2.14, -11.96
CIELCh	65, 12.146, 259.846
Yxy	34.0472, 0.2805, 0.3006
Android (android.graphics.Color)	4287537331 (0xFF8EA0B3)
YUV	156.7840, 10.9525, -12.9656
Hunter-Lab	58.3500, -4.9268, -7.3501

Details

The CIELCh color $65, 12.146, 259.846$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.761, 74.290$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 12.180, 259.159$, and $45, 11.892, 257.877$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.924, 261.672$, and if you desaturate by 10%, it is $69, 6.302, 258.311$.

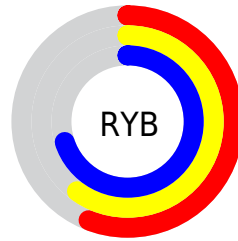
Distribution



Red (56%)

Green (63%)

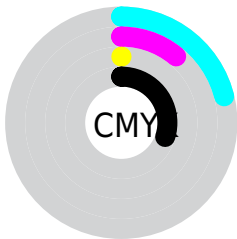
Blue (70%)



Red (56%)

Yellow (60%)

Blue (70%)

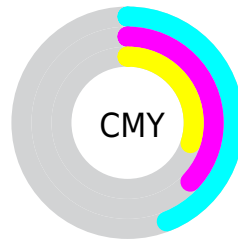


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (44%)


Magenta (37%)

Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 12.146, 259.846 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, 12.146, 259.846 by changing the saturation by 10% instead.


 65, 12.146,
259.846


 65, 12.146,
259.846


 100, 12.146,
259.846


 55, 12.146,
259.846


 85, 12.146,
259.846

 45, 12.146,
259.846

 95, 12.146,
259.846

 35, 12.146,
259.846

 25, 12.146,
259.846

 15, 12.146,
259.846

 5, 12.146, 259.846

 0, 12.146, 259.846

65, 12.146,
259.846

65, 12.146,
259.846

61, 17.924,
261.672

69, 6.302, 258.311

58, 23.621,
263.849

73, 0.414, 257.735

76, 5.497, 75.757

54, 29.230,
266.428

80, 11.414, 74.822

50, 34.758,
269.457

84, 17.320, 73.996

88, 23.201, 73.272

47, 40.238,
272.961

91, 26.441, 80.904

44, 45.733,
276.914

93, 29.197, 90.968

95, 32.685, 98.997

41, 51.321,
281.218

38, 56.692,

Harmonies

Complementary

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



65, 12.146, 259.846



67, 12.761, 74.290

Rectangle

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



65, 12.146, 259.846



65, 12.146, 309.846



65, 12.146, 79.846



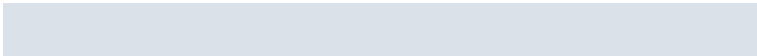
65, 12.146, 129.846

Sweetspot

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



65, 12.145, 259.840



89, 4.381, 257.719



70, 17.161, 161.863



47, 2.929, 257.796



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 12.145, 259.840



80, 18.099, 260.668



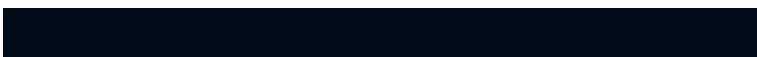
60, 20.917, 292.495



36, 3.336, 258.126



32, 49.921, 284.657



3, 8.905, 267.148

Inverse Universe

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



63, 17.458, 346.194



77, 26.170, 346.680



72, 19.950, 108.201



35, 4.714, 345.111



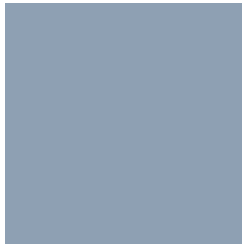
32, 57.827, 2.573



2, 10.526, 350.610

Previews

White Background



This preview shows how the CIELCh color 65, 12.146, 259.846 looks on a white background.

Color Contrast Check

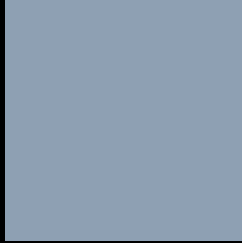
Large Text (above 18pt) WCAG AA × Fail

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, 12.146, 259.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

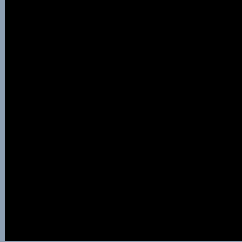
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

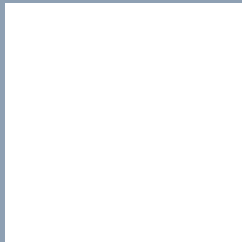
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 12.146, 259.846

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.146, 259.846.



This preview shows how white text looks on a background with the CIELCh color 65, 12.146, 259.846.

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

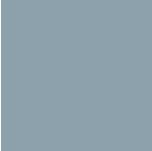
65, 12.146, 259.846

Protanopia

65, 11.687, 289.643

Deuteranopia

65, 15.451, 303.907



Tritanopia
65, 9.632, 242.967

Trichromacy



Original Color
65, 12.146, 259.846

Protanomaly
65, 11.891, 279.267

Deuteranomaly
65, 13.926, 291.648

Tritanomaly
65, 10.378, 247.764

Monochromacy



Original Color
65, 12.146, 259.846

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.639, 256.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.146, 259.846 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, 160, 179)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 179)  
}
```

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, 160, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.146, 259.846 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, 160, 179) }
```

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

```
.border{ border-color:rgb(142, 160, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 179);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.146, 259.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 179) }
```

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

```
.background{ background-color: rgb(142,  
160, 179) }
```

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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