

Converting Colors

CIELCh(65, 9.356, 243.966)

Have a look what the booklet for
CIELCh(65, 9.356, 243.966) contains.

CIELCh(65, 9.029, 241.756)	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, 9.029, 241.756)

Conversions

Conversions Part 1

Format	Color
Hex	8EA1AC
RGB	142, 161, 172
RGB Percent	56%, 63%, 67%
CMY	0.4445, 0.3700, 0.3269
CMYK	0.17, 0.06, 0.00, 0.33
HSL	202°, 15%, 61%
HSV	202°, 17%, 67%
XYZ	31.1872, 34.0472, 43.7734
YIQ	156.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

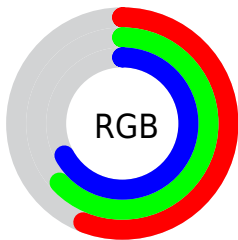
Format	Color
RYB	142, 154, 172
Decimal	9347500
CIELab	65.00, -4.27, -7.95
CIELCh	65, 9.029, 241.756
Yxy	34.0472, 0.2861, 0.3123
Android (android.graphics.Color)	4287537580 (0xFF8EA1AC)
YUV	156.5730, 7.6055, -12.7805
Hunter-Lab	58.3500, -6.7068, -3.6336

Details

The CIELCh color $65, 9.029, 241.756$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 9.800, 58.220$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.885, 239.813$, and $45, 9.147, 239.672$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.920, 243.158$, and if you desaturate by 10%, it is $68, 3.927, 240.643$.

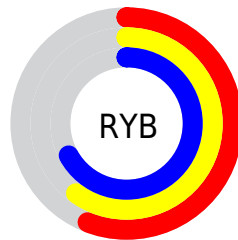
Distribution



Red (56%)

Green (63%)

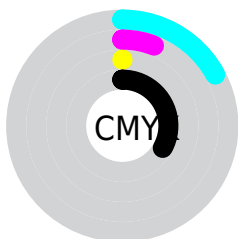
Blue (67%)



Red (56%)

Yellow (60%)

Blue (67%)

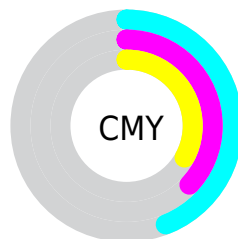


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.029, 241.756 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, 9.029, 241.756 by changing the saturation by 10% instead.

■ 65, 9.029, 241.756

■ 65, 9.029, 241.756

■ 100, 9.029,
241.756

■ 55, 9.029, 241.756

■ 85, 9.029, 241.756

■ 45, 9.029, 241.756

■ 95, 9.029, 241.756

■ 35, 9.029, 241.756

■ 25, 9.029, 241.756

■ 15, 9.029, 241.756

■ 5, 9.029, 241.756

■ 0, 9.029, 241.756

■ 65, 9.029, 241.756

■ 65, 9.029, 241.756

■ 62, 13.920,

■ 68, 3.927, 240.643

243.158

71, 1.340, 59.275

59, 18.555,
244.906

74, 6.732, 58.742

57, 22.889,
247.059

77, 12.215, 58.122

80, 17.759, 57.594

54, 26.890,
249.694

83, 23.342, 57.147

51, 30.551,
252.888

86, 26.747, 60.196

87, 27.199, 68.366

49, 33.899,
256.691

89, 28.191, 76.087

47, 37.013,
261.103

45, 40.036,
265.970

44, 40.829,
267.160

Harmonies

Complementary

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



65, 9.029, 241.756



64, 9.800, 58.220

Rectangle

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



65, 9.029, 241.756



65, 9.029, 291.756



65, 9.029, 61.756



65, 9.029, 111.756

Sweetspot

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



65, 9.029, 241.747



87, 3.251, 240.448



68, 15.712, 155.072



46, 2.233, 240.499



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, 9.029, 241.747



81, 13.274, 242.260



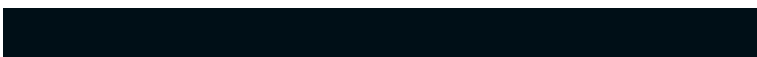
61, 14.411, 285.364



35, 2.991, 240.819



39, 36.784, 266.562



4, 6.671, 251.182

Inverse Universe

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



62, 15.687, 338.381



76, 23.279, 338.697



68, 14.052, 101.352



34, 5.093, 337.739



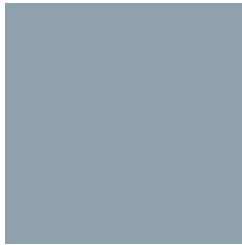
33, 60.093, 349.605



2, 9.972, 341.647

Previews

White Background



This preview shows how the CIELCh color 65, 9.029, 241.756 looks on a white background.

Color Contrast Check

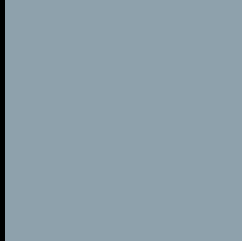
Large Text (above 18pt) WCAG AA × Fail

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, 9.029, 241.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

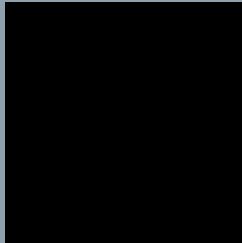
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

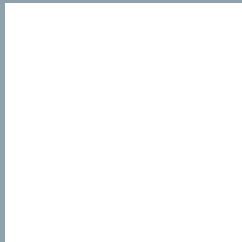
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.029, 241.756

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.029, 241.756.

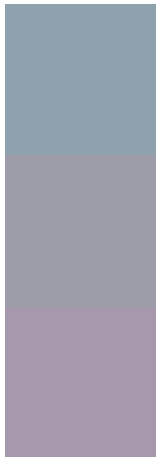


This preview shows how white text looks on a background with the CIELCh color 65, 9.029, 241.756.

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, 9.029, 241.756

Protanopia

65, 7.254, 293.876

Deuteranopia

65, 12.194, 314.593



Tritanopia
65, 9.545, 248.484

Trichromacy



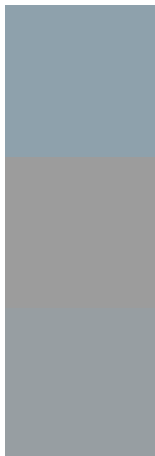
Original Color
65, 9.029, 241.756

Protanomaly
65, 7.097, 269.725

Deuteranomaly
65, 9.476, 293.396

Tritanomaly
65, 9.545, 248.484

Monochromacy



Original Color
65, 9.029, 241.756

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 3.406, 240.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.029, 241.756 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 161, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.029, 241.756 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, 172) }
```

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

```
.border{ border-color:rgb(142, 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(142, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(142, 161,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.029, 241.756 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, 172) }
```

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

```
.background{ background-color: rgb(142,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor