

Converting Colors

CIELCh(65, 12.272, 286.439)

Have a look what the booklet for
CIELCh(65, 12.272, 286.439)
contains.

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Color

CIELCh(65, 12.258, 286.430)

Conversions

Conversions Part 1

Format	Color
Hex	9A9DB3
RGB	154, 157, 179
RGB Percent	60%, 62%, 70%
CMY	0.3976, 0.3859, 0.2996
CMYK	0.14, 0.12, 0.00, 0.30
HSL	233°, 14%, 65%
HSV	233°, 14%, 70%
XYZ	33.3345, 34.0472, 47.2451
YIQ	158.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

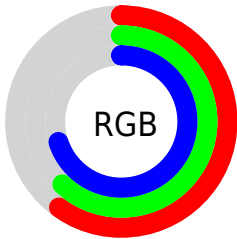
Format	Color
RYB	154, 157, 179
Decimal	10132915
CIELab	65.00, 3.47, -11.76
CIElCh	65, 12.258, 286.430
Yxy	34.0472, 0.2908, 0.2970
Android (android.graphics.Color)	4288322995 (0xFF9A9DB3)
YUV	158.6110, 10.0518, -4.0438
Hunter-Lab	58.3500, -0.1379, -7.1612

Details

The CIELCh color **65, 12.258, 286.430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 11.978, 103.328**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 12.122, 286.320**, and **45, 11.961, 286.406** is the 20% darker color. If you saturate the color by 10%, you get **59, 21.382, 287.810**, and if you desaturate by 10%, it is **71, 3.445, 285.263**.

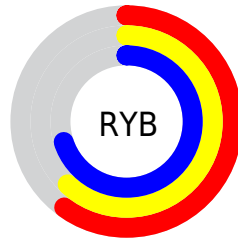
Distribution



Red (60%)

Green (62%)

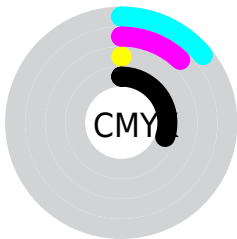
Blue (70%)



Red (60%)

Yellow (62%)

Blue (70%)

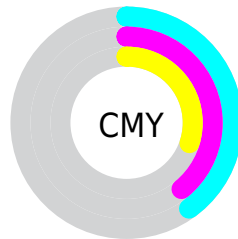


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (40%)


Magenta (39%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 12.258, 286.430 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, 12.258, 286.430 by changing the saturation by 10% instead.


 65, 12.258,
286.430


 65, 12.258,
286.430


 100, 12.258,
286.430


 55, 12.258,
286.430


 85, 12.258,
286.430

 45, 12.258,
286.430

 95, 12.258,
286.430

 35, 12.258,
286.430

 25, 12.258,
286.430

 15, 12.258,
286.430

 5, 12.258, 286.430

 0, 12.258, 286.430

65, 12.258,
286.430

65, 12.258,
286.430

59, 21.382,
287.810

71, 3.445, 285.263

54, 30.849,
289.432

76, 5.077, 104.195

48, 40.683,
291.320

82, 13.328,
103.334

43, 50.899,
293.491

87, 21.326,
102.580

37, 61.456,
295.923

92, 29.085,
101.924

33, 72.174,
298.531

97, 36.447,
104.857

28, 82.573,
301.131

98, 38.338,
107.254

25, 91.726,

303.448

■ 23, 96.161,
304.521

Harmonies

Complementary

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



65, 12.258, 286.430



71, 11.978, 103.328

Rectangle

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



65, 12.258, 286.430



65, 12.258, 336.430



65, 12.258, 106.430



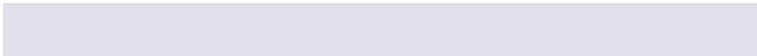
65, 12.258, 156.430

Sweetspot

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



65, 12.257, 286.426



89, 4.270, 285.270



71, 9.304, 187.373



47, 3.062, 285.348



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, 12.257, 286.426



80, 18.526, 286.858



65, 14.366, 305.033



35, 4.921, 285.853



19, 85.111, 304.291



1, 12.100, 286.153

Inverse Universe

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



66, 9.915, 10.716



81, 15.054, 11.067



71, 14.022, 123.570



35, 3.953, 10.240



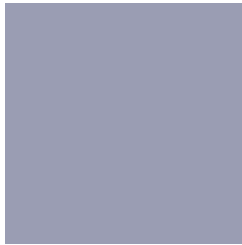
31, 66.349, 34.015



2, 9.255, 11.734

Previews

White Background



This preview shows how the CIELCh color 65, 12.258, 286.430 looks on a white background.

Color Contrast Check

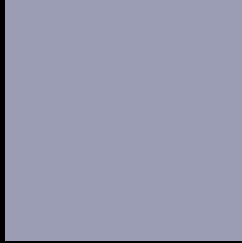
Large Text (above 18pt) WCAG AA × Fail

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, 12.258, 286.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

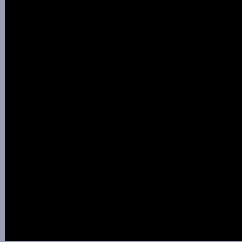
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 12.258, 286.430

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.258, 286.430.



This preview shows how white text looks on a background with the CIELCh color 65, 12.258, 286.430.

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

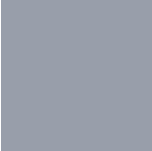
65, 12.258, 286.430

Protanopia

65, 12.252, 288.108

Deuteranopia

65, 14.351, 304.794



Tritanopia
65, 6.982, 272.526

Trichromacy



Original Color
65, 12.258, 286.430

Protanomaly
65, 12.252, 288.108

Deuteranomaly
65, 13.514, 299.270

Tritanomaly
65, 8.990, 281.801

Monochromacy



Original Color
65, 12.258, 286.430

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.463, 285.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.258, 286.430 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(154, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 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(154, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.258, 286.430 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(154, 157, 179) }
```

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

```
.border{ border-color:rgb(154, 157, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.258, 286.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 179) }
```

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

```
.background{ background-color: rgb(154,  
157, 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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