

Converting Colors

CIELCh(65, 5.651, 284.553)

Have a look what the booklet for
CIELCh(65, 5.651, 284.553) contains.

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Color

CIELCh(65, 5.571, 286.951)

Conversions

Conversions Part 1

Format	Color
Hex	9C9DA7
RGB	156, 157, 167
RGB Percent	61%, 62%, 65%
CMY	0.3876, 0.3837, 0.3445
CMYK	0.07, 0.06, 0.00, 0.34
HSL	235°, 6%, 63%
HSV	235°, 7%, 66%
XYZ	32.8146, 34.0472, 41.4793
YIQ	157.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

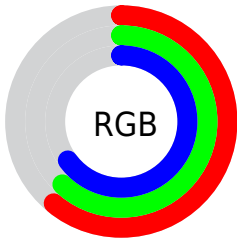
Format	Color
R_{YB}	156, 157, 167
Decimal	10263975
CIE Lab	65.00, 1.62, -5.33
CIE LCh	65, 5.571, 286.951
Yxy	34.0472, 0.3029, 0.3143
Android (android.graphics.Color)	4288454055 (0xFF9C9DA7)
YUV	157.8410, 4.5154, -1.6146
Hunter-Lab	58.3500, -1.7285, -1.3026

Details

The CIELCh color **65, 5.571, 286.951** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.493, 105.549**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 5.301, 282.973**, and **45, 5.382, 286.723** is the 20% darker color. If you saturate the color by 10%, you get **60, 14.271, 288.133**, and if you desaturate by 10%, it is **70, 2.830, 105.865**.

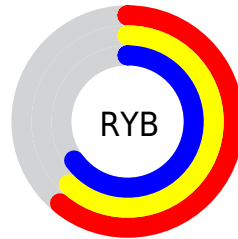
Distribution



Red (61%)

Green (62%)

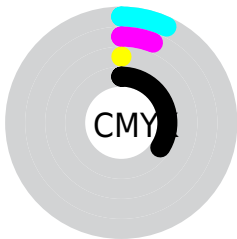
Blue (65%)



Red (61%)

Yellow (62%)

Blue (65%)

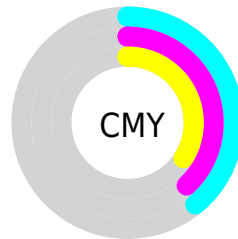


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (34%)



Cyan (39%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.571, 286.951 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, 5.571, 286.951 by changing the saturation by 10% instead.

■ 65, 5.571, 286.951

■ 65, 5.571, 286.951

■ 100, 5.571,
286.951

■ 55, 5.571, 286.951

■ 85, 5.571, 286.951

■ 45, 5.571, 286.951

■ 95, 5.571, 286.951

■ 35, 5.571, 286.951

■ 25, 5.571, 286.951

■ 15, 5.571, 286.951

■ 5, 5.571, 286.951

■ 0, 5.571, 286.951

■ 65, 5.571, 286.951

■ 65, 5.571, 286.951

■ 60, 14.271,

■ 70, 2.830, 105.865

288.133

76, 10.950,
105.006

54, 23.300,
289.538

81, 18.808,
104.249

49, 32.684,
291.183

86, 26.422,
103.592

43, 42.443,
293.091

92, 33.804,
103.018

38, 52.572,
295.267

97, 40.926,
103.318

33, 62.981,
297.668

98, 43.910,
106.823

28, 73.376,
300.174

24, 83.088,
302.563

21, 90.996,
304.519

Harmonies

Complementary

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



65, 5.571, 286.951



68, 5.493, 105.549

Rectangle

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



65, 5.571, 286.951



65, 5.571, 336.951



65, 5.571, 106.951



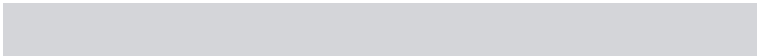
65, 5.571, 156.951

Sweetspot

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



65, 5.570, 286.941



85, 2.081, 286.490



68, 4.159, 190.764



46, 1.193, 286.481



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 5.570, 286.941



81, 8.384, 287.113



65, 6.363, 305.811



33, 4.836, 287.243



18, 84.606, 304.830



1, 8.817, 286.827

Inverse Universe

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



65, 4.293, 12.281



82, 6.479, 12.434



68, 6.284, 125.198



33, 3.745, 12.545



30, 65.795, 35.488



1, 6.625, 12.907

Previews

White Background



This preview shows how the CIELCh color 65, 5.571, 286.951 looks on a white background.

Color Contrast Check

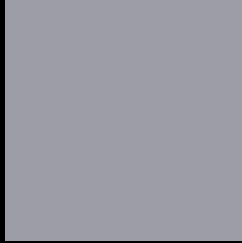
Large Text (above 18pt) WCAG AA × Fail

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, 5.571, 286.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

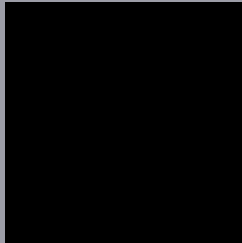
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

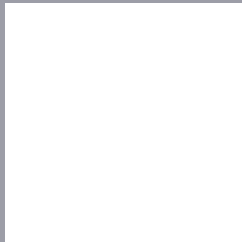
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.571, 286.951

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.571, 286.951.



This preview shows how white text looks on a background with the CIELCh color 65, 5.571, 286.951.

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, 5.571, 286.951

Protanopia

65, 5.582, 294.603

Deuteranopia

65, 10.127, 324.900



Tritanopia
65, 6.680, 287.719

Trichromacy



Original Color
65, 5.571, 286.951

Protanomaly
65, 5.564, 290.776

Deuteranomaly
65, 8.021, 315.786

Tritanomaly
65, 6.125, 287.365

Monochromacy



Original Color
65, 5.571, 286.951

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.709, 277.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.571, 286.951 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(156, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 167)  
}
```

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(156, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.571, 286.951 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(156, 157, 167) }
```

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

```
.border{ border-color:rgb(156, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 157,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.571, 286.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 167) }
```

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

```
.background{ background-color: rgb(156,  
157, 167) }
```

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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