

Converting Colors

CIELCh(65, 10.564, 289.325)

Have a look what the booklet for
CIELCh(65, 10.564, 289.325)
contains.

CIELCh(65, 10.576, 289.332)	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, 10.576, 289.332)

Conversions

Conversions Part 1

Format	Color
Hex	9B9CAF
RGB	155, 156, 175
RGB Percent	61%, 61%, 69%
CMY	0.3904, 0.3865, 0.3120
CMYK	0.11, 0.11, 0.00, 0.31
HSL	237°, 11%, 65%
HSV	237°, 11%, 69%
XYZ	33.3441, 34.0472, 45.6004
YIQ	157.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

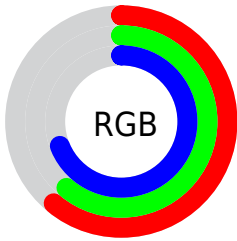
Format	Color
R_{YB}	155, 156, 175
Decimal	10198191
CIE _{Lab}	65.00, 3.50, -9.98
CIE _{LCh}	65, 10.576, 289.332
Y _{xy}	34.0472, 0.2951, 0.3013
Android (android.graphics.Color)	4288388271 (0xFF9B9CAF)
YUV	157.8670, 8.4466, -2.5144
Hunter-Lab	58.3500, -0.1084, -5.4900

Details

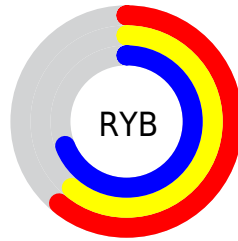
The CIELCh color $65, 10.576, 289.332$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 10.331, 106.970$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.064, 291.122$, and $45, 10.756, 289.645$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.226, 290.592$, and if you desaturate by 10%, it is $71, 1.285, 288.300$.

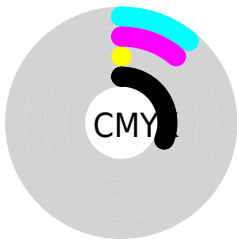
Distribution



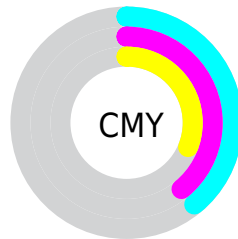
- Red (61%)
- Green (61%)
- Blue (69%)



- Red (61%)
- Yellow (61%)
- Blue (69%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)





- Cyan (39%)
- Magenta (39%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.576, 289.332 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, 10.576, 289.332 by changing the saturation by 10% instead.


 65, 10.576,
289.332


 65, 10.576,
289.332


 100, 10.576,
289.332


 55, 10.576,
289.332


 85, 10.576,
289.332

 45, 10.576,
289.332

 95, 10.576,
289.332

 35, 10.576,
289.332

 25, 10.576,
289.332

 15, 10.576,
289.332

 5, 10.576, 289.332

 0, 10.576, 289.332

65, 10.576,
289.332

65, 10.576,
289.332

59, 20.226,
290.592

71, 1.285, 288.300

53, 30.270,
292.078

77, 7.668, 107.309

47, 40.732,
293.812

82, 16.312,
106.526

42, 51.612,
295.804

88, 24.665,
105.848

36, 62.831,
298.029

94, 32.748,
105.262

31, 74.115,
300.386

98, 39.879,
107.134

27, 84.795,
302.672

23, 93.650,

304.584

■ 21, 98.771,
305.648

Harmonies

Complementary

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



65, 10.576, 289.332



71, 10.331, 106.970

Rectangle

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



65, 10.576, 289.332



65, 10.576, 339.332



65, 10.576, 109.332



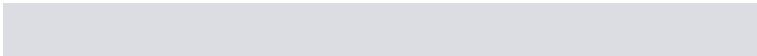
65, 10.576, 159.332

Sweetspot

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



65, 10.575, 289.327



88, 3.384, 288.434



70, 7.365, 193.148



47, 2.588, 288.511



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 10.575, 289.327



80, 16.088, 289.665



65, 11.620, 307.248



34, 5.180, 289.087



17, 87.792, 305.518



1, 10.884, 288.501

Inverse Universe

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



66, 7.830, 16.046



82, 11.972, 16.305



70, 11.413, 126.181



34, 3.821, 15.857



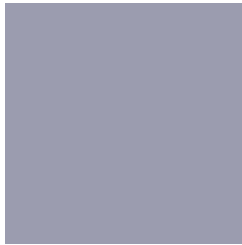
31, 68.177, 37.416



2, 7.821, 16.010

Previews

White Background



This preview shows how the CIELCh color 65, 10.576, 289.332 looks on a white background.

Color Contrast Check

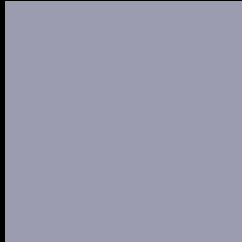
Large Text (above 18pt) WCAG AA × Fail

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, 10.576, 289.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

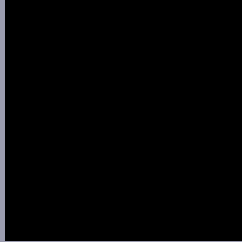
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 10.576, 289.332

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.576, 289.332.



This preview shows how white text looks on a background with the CIELCh color 65, 10.576, 289.332.

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, 10.576, 289.332

Protanopia

65, 10.023, 287.080

Deuteranopia

65, 13.493, 308.898



Tritanopia
65, 7.296, 282.256

Trichromacy



Original Color
65, 10.576, 289.332

Protanomaly
65, 10.023, 287.080

Deuteranomaly
65, 12.563, 303.204

Tritanomaly
65, 8.362, 286.040

Monochromacy



Original Color
65, 10.576, 289.332

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.897, 290.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.576, 289.332 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(155, 156, 175)` looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 175)  
}
```

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(155, 156, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.576, 289.332 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(155, 156, 175) }
```

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

```
.border{ border-color:rgb(155, 156, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 156, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 175);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.576, 289.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 175) }
```

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

```
.background{ background-color: rgb(155,  
156, 175) }
```

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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