

Converting Colors

CIELCh(65, 10.788, 267.828)

Have a look what the booklet for
CIELCh(65, 10.788, 267.828)
contains.

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Color

CIELCh(65, 10.777, 267.814)

Conversions

Conversions Part 1

Format	Color
Hex	939FB1
RGB	147, 159, 177
RGB Percent	58%, 62%, 69%
CMY	0.4246, 0.3775, 0.3069
CMYK	0.17, 0.10, 0.00, 0.31
HSL	216°, 16%, 63%
HSV	216°, 17%, 69%
XYZ	32.2466, 34.0472, 46.3260
YIQ	157.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

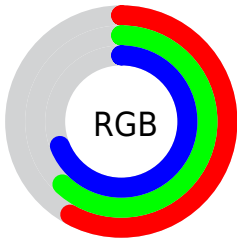
Format	Color
RYB	147, 156, 177
Decimal	9674673
CIELab	65.00, -0.41, -10.77
CIELCh	65, 10.777, 267.814
Yxy	34.0472, 0.2863, 0.3023
Android (android.graphics.Color)	4287864753 (0xFF939FB1)
YUV	157.4640, 9.6312, -9.1769
Hunter-Lab	58.3500, -3.4658, -6.2273

Details

The CIELCh color $65, 10.777, 267.814$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.967, 83.242$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.838, 266.786$, and $45, 10.419, 265.957$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.175, 269.524$, and if you desaturate by 10%, it is $69, 4.415, 266.369$.

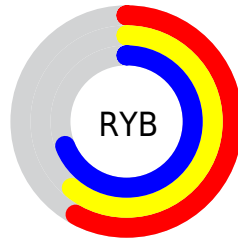
Distribution



Red (58%)

Green (62%)

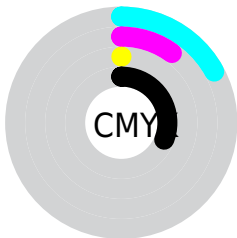
Blue (69%)



Red (58%)

Yellow (61%)

Blue (69%)

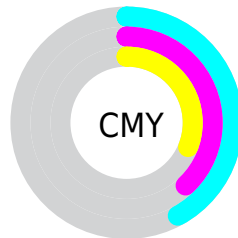


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 10.777, 267.814 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, 10.777, 267.814 by changing the saturation by 10% instead.

■ 65, 10.777,
267.814

■ 65, 10.777,
267.814

■ 100, 10.777,
267.814

■ 55, 10.777,
267.814

■ 85, 10.777,
267.814

■ 45, 10.777,
267.814

■ 95, 10.777,
267.814

■ 35, 10.777,
267.814

■ 25, 10.777,
267.814

■ 15, 10.777,
267.814

■ 5, 10.777, 267.814

■ 0, 10.777, 267.814

65, 10.777,
267.814

65, 10.777,
267.814

61, 17.175,
269.524

69, 4.415, 266.369

57, 23.608,
271.543

73, 1.900, 84.905

53, 30.079,
273.910

78, 8.162, 83.919

49, 36.605,
276.666

86, 20.493, 82.159

45, 43.217,
279.830

90, 26.549, 81.429

41, 49.960,
283.380

93, 30.106, 91.157

37, 56.874,
287.224

96, 34.177,
100.002

34, 63.957,

98, 38.858,
106.723

291.166

■ 33, 66.136,
292.275

Harmonies

Complementary

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



65, 10.777, 267.814



68, 10.967, 83.242

Rectangle

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



65, 10.777, 267.814



65, 10.777, 317.814



65, 10.777, 87.814



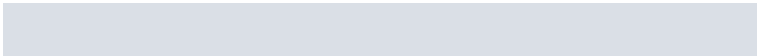
65, 10.777, 137.814

Sweetspot

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



65, 10.776, 267.808



89, 3.916, 266.138



70, 13.133, 166.898



47, 2.669, 266.219



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, 10.776, 267.808



81, 15.720, 268.355



62, 16.904, 295.033



36, 3.618, 266.681



29, 58.750, 291.793



3, 9.588, 273.027

Inverse Universe

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



64, 13.412, 350.970



79, 19.634, 351.332



71, 16.273, 112.051



35, 4.462, 350.189



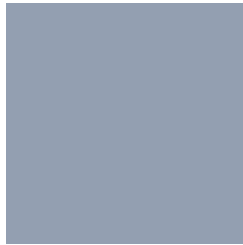
32, 57.839, 10.819



2, 10.088, 355.337

Previews

White Background



This preview shows how the CIELCh color 65, 10.777, 267.814 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, 10.777, 267.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

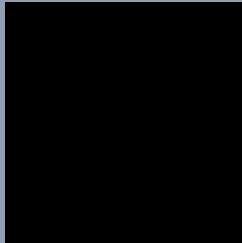
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 10.777, 267.814

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.777, 267.814.



This preview shows how white text looks on a background with the CIELCh color 65, 10.777, 267.814.

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, 10.777, 267.814

Protanopia

65, 10.576, 289.332

Deuteranopia

65, 14.457, 306.216



Tritanopia
65, 8.519, 257.488

Trichromacy



Original Color
65, 10.777, 267.814

Protanomaly
65, 10.683, 281.582

Deuteranomaly
65, 12.845, 294.753

Tritanomaly
65, 9.451, 261.441

Monochromacy



Original Color
65, 10.777, 267.814

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.795, 261.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.777, 267.814 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(147, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(147, 159, 177)  
}
```

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(147, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 159, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.777, 267.814 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(147, 159, 177) }
```

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

```
.border{ border-color:rgb(147, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(147, 159,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.777, 267.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 159, 177) }
```

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

```
.background{ background-color: rgb(147,  
159, 177) }
```

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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