

Converting Colors

CIELCh(65, 28.207, 297.307)

Have a look what the booklet for
CIELCh(65, 28.207, 297.307)
contains.

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Color

CIELCh(65, 27.976, 297.197)

Conversions

Conversions Part 1

Format	Color
Hex	9E98CA
RGB	158, 152, 202
RGB Percent	62%, 60%, 79%
CMY	0.3799, 0.4034, 0.2073
CMYK	0.22, 0.25, 0.00, 0.21
HSL	247°, 32%, 69%
HSV	247°, 25%, 79%
XYZ	36.0481, 34.0472, 60.6275
YIQ	159.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

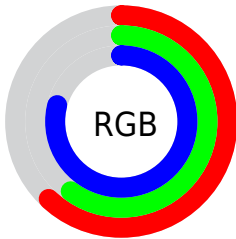
Format	Color
RYB	158, 152, 202
Decimal	10393802
CIELab	65.00, 12.79, -24.88
CIElCh	65, 27.976, 297.197
Yxy	34.0472, 0.2758, 0.2605
Android (android.graphics.Color)	4288583882 (0xFF9E98CA)
YUV	159.4940, 20.9555, -1.3102
Hunter-Lab	58.3500, 8.1632, -20.7593

Details

The CIELCh color $65, 27.976, 297.197$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 26.431, 112.948$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 25.997, 297.446$, and $45, 28.195, 297.480$ is the 20% darker color. If you saturate the color by 10%, you get $58, 40.083, 298.394$, and if you desaturate by 10%, it is $72, 16.337, 296.160$.

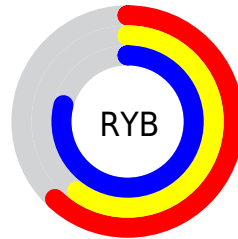
Distribution



Red (62%)

Green (60%)

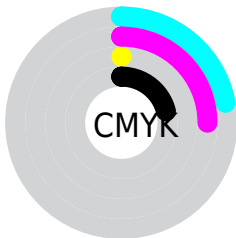
Blue (79%)



Red (62%)

Yellow (60%)

Blue (79%)

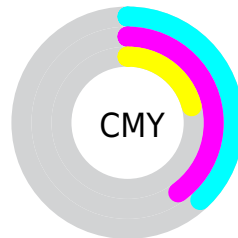


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.976, 297.197 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, 27.976, 297.197 by changing the saturation by 10% instead.

■ 65, 27.976,
297.197

■ 65, 27.976,
297.197

■ 100, 27.976,
297.197

■ 55, 27.976,
297.197

■ 85, 27.976,
297.197

■ 45, 27.976,
297.197

■ 95, 27.976,
297.197

■ 35, 27.976,
297.197

■ 25, 27.976,
297.197

■ 15, 27.976,
297.197

■ 5, 27.976, 297.197

■ 0, 27.976, 297.197

65, 27.976,
297.197

65, 27.976,
297.197

58, 40.083,
298.394

72, 16.337,
296.160

52, 52.647,
299.758

78, 5.157, 295.271

85, 5.595, 114.500

45, 65.568,
301.271

91, 15.945,
113.849

39, 78.565,
302.871

98, 25.921,
113.289

34, 90.993,
304.421

99, 26.672,
108.153

29, 101.657,
305.699

26, 108.948,
306.435

25, 111.605,

Harmonies

Complementary

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



65, 27.976, 297.197



80, 26.431, 112.948

Rectangle

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



65, 27.976, 297.197



65, 27.976, 347.197



65, 27.976, 117.197



65, 27.976, 167.197

Sweetspot

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



65, 27.974, 297.196



94, 9.235, 295.467



76, 15.251, 210.286



50, 6.007, 295.520



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 27.974, 297.196



76, 41.437, 297.855



67, 29.811, 314.103



39, 6.270, 295.668



20, 96.208, 306.752



2, 23.623, 295.543

Inverse Universe

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



69, 30.194, 329.339



82, 44.155, 329.683



78, 29.081, 131.931



40, 6.941, 328.410



38, 76.252, 333.621



5, 26.345, 331.818

Previews

White Background



This preview shows how the CIELCh color 65, 27.976, 297.197 looks on a white background.

Color Contrast Check

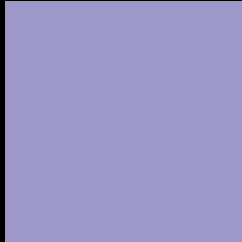
Large Text (above 18pt) WCAG AA × Fail

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, 27.976, 297.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

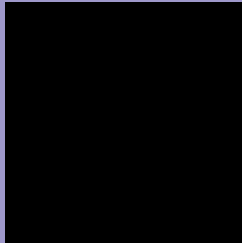
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 27.976, 297.197

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.976, 297.197.



This preview shows how white text looks on a background with the CIELCh color 65, 27.976, 297.197.

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](#).

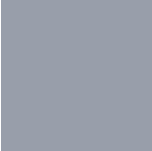
Dichromacy



Original Color
65, 27.976, 297.197

Protanopia
65, 27.365, 285.440

Deuteranopia
65, 26.153, 289.235



Tritanopia
65, 6.982, 272.526

Trichromacy



Original Color
65, 27.976, 297.197

Protanomaly
65, 27.256, 289.512

Deuteranomaly
65, 26.709, 292.224

Tritanomaly
65, 14.471, 288.884

Monochromacy



Original Color
65, 27.976, 297.197

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 10.045, 295.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.976, 297.197 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(158, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(158, 152, 202)  
}
```

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(158, 152, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 152, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.976, 297.197 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(158, 152, 202) }
```

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

```
.border{ border-color:rgb(158, 152, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 152, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 152, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 152, 202);  
box-shadow:4px 4px 4px 4px rgb(158, 152,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.976, 297.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 152, 202) }
```

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

```
.background{ background-color: rgb(158,  
152, 202) }
```

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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