

Converting Colors

CIELCh(65, 5.574, 298.869)

Have a look what the booklet for
CIELCh(65, 5.574, 298.869) contains.

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Color

CIELCh(65, 5.074, 299.198)

Conversions

Conversions Part 1

Format	Color
Hex	9F9DA6
RGB	159, 157, 166
RGB Percent	62%, 62%, 65%
CMY	0.3780, 0.3859, 0.3506
CMYK	0.04, 0.05, 0.00, 0.35
HSL	253°, 5%, 63%
HSV	253°, 5%, 65%
XYZ	33.0540, 34.0472, 40.7119
YIQ	158.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

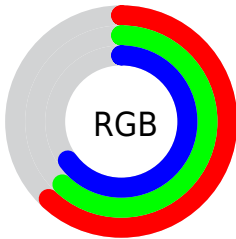
Format	Color
RYB	159, 157, 166
Decimal	10460582
CIELab	65.00, 2.48, -4.43
CIELCh	65, 5.074, 299.198
Yxy	34.0472, 0.3066, 0.3158
Android (android.graphics.Color)	4288650662 (0xFF9F9DA6)
YUV	158.6240, 3.6364, 0.3298
Hunter-Lab	58.3500, -0.9960, -0.5228

Details

The CIELCh color $65, 5.074, 299.198$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.004, 118.498$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.802, 299.112$, and $45, 4.854, 300.329$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.668, 299.920$, and if you desaturate by 10%, it is $70, 4.175, 118.566$.

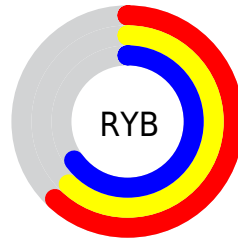
Distribution



Red (62%)

Green (62%)

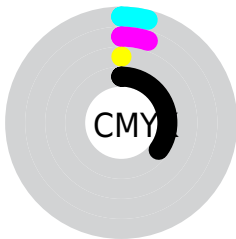
Blue (65%)



Red (62%)

Yellow (62%)

Blue (65%)

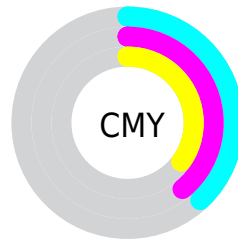


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.074, 299.198 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, 5.074, 299.198 by changing the saturation by 10% instead.

■ 65, 5.074, 299.198

■ 65, 5.074, 299.198

■ 100, 5.074,
299.198

■ 55, 5.074, 299.198

■ 85, 5.074, 299.198

■ 45, 5.074, 299.198

■ 95, 5.074, 299.198

■ 35, 5.074, 299.198

■ 25, 5.074, 299.198

■ 15, 5.074, 299.198

■ 5, 5.074, 299.198

■ 0, 5.074, 299.198

■ 65, 5.074, 299.198

■ 65, 5.074, 299.198

■ 60, 14.668,

■ 70, 4.175, 118.566

299.920

76, 13.091,
118.017

54, 24.625,
300.754

81, 21.695,
117.546

49, 34.939,
301.700

87, 30.009,
117.141

43, 45.574,
302.752

92, 38.049,
116.792

38, 56.420,
303.889

97, 45.337,
116.153

33, 67.221,
305.053

98, 44.742,
109.875

28, 77.467,
306.136

98, 44.667,
106.765

24, 86.289,
306.967

22, 92.595,
307.351

Harmonies

Complementary

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



65, 5.074, 299.198



68, 5.004, 118.498

Rectangle

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



65, 5.074, 299.198



65, 5.074, 349.198



65, 5.074, 119.198



65, 5.074, 169.198

Sweetspot

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



65, 5.072, 299.190



84, 2.295, 298.959



67, 2.828, 221.770



45, 1.303, 298.951



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 5.072, 299.190



81, 8.084, 299.307



65, 5.587, 316.452



32, 4.190, 299.326



17, 86.278, 307.597



1, 8.037, 298.034

Inverse Universe

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



66, 5.204, 331.592



82, 8.280, 331.710



67, 5.553, 136.063



33, 4.291, 331.729



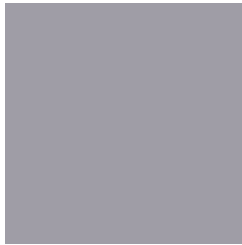
32, 64.250, 339.262



1, 8.006, 333.208

Previews

White Background



This preview shows how the CIELCh color 65, 5.074, 299.198 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, 5.074, 299.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

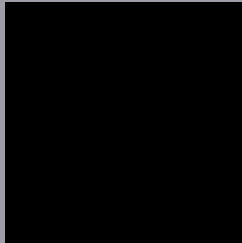
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

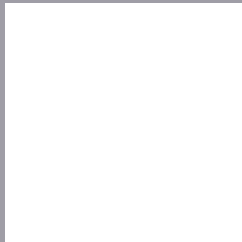
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.074, 299.198

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.074, 299.198.



This preview shows how white text looks on a background with the CIELCh color 65, 5.074, 299.198.

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, 5.074, 299.198

Protanopia

65, 5.028, 294.980

Deuteranopia

65, 9.478, 330.640



Tritanopia
65, 6.790, 300.354

Trichromacy



Original Color
65, 5.074, 299.198

Protanomaly
65, 5.028, 294.980

Deuteranomaly
65, 7.905, 322.505

Tritanomaly
65, 6.243, 301.163

Monochromacy



Original Color
65, 5.074, 299.198

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.267, 300.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.074, 299.198 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(159, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 157, 166)  
}
```

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(159, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 157, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.074, 299.198 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(159, 157, 166) }
```

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

```
.border{ border-color:rgb(159, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 157,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.074, 299.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 157, 166) }
```

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

```
.background{ background-color: rgb(159,  
157, 166) }
```

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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