

Converting Colors

CIELCh(65, 5.028, 294.980)

Have a look what the booklet for
CIELCh(65, 5.028, 294.980) contains.

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Color

CIELCh(65, 5.028, 294.980)

Conversions

Conversions Part 1	
Format	Color
Hex	9E9DA6
RGB	158, 157, 166
RGB Percent	62%, 62%, 65%
CMY	0.3811, 0.3850, 0.3498
CMYK	0.05, 0.05, 0.00, 0.35
HSL	247°, 5%, 63%
HSV	247°, 5%, 65%
XYZ	32.9548, 34.0472, 40.8208
YIQ	158.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

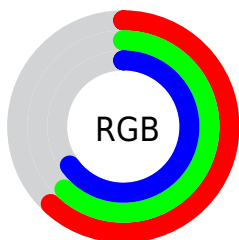
Format	Color
RYB	158, 157, 166
Decimal	10395046
CIELab	65.00, 2.12, -4.56
CIELCh	65, 5.028, 294.980
Yxy	34.0472, 0.3056, 0.3158
Android (android.graphics.Color)	4288585126 (0xFF9E9DA6)
YUV	158.3250, 3.7838, -0.2850
Hunter-Lab	58.3500, -1.2994, -0.6335

Details

The CIELCh color $65, 5.028, 294.980$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.955, 114.108$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.757, 294.876$, and $45, 4.799, 295.621$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.558, 295.870$, and if you desaturate by 10%, it is $71, 4.142, 114.188$.

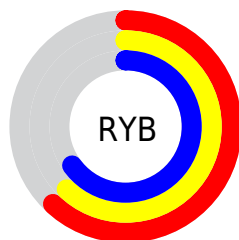
Distribution



Red (62%)

Green (62%)

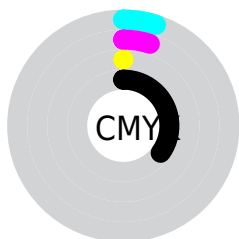
Blue (65%)



Red (62%)

Yellow (62%)

Blue (65%)

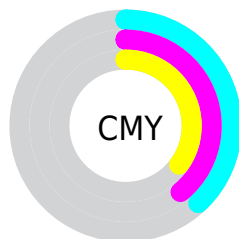


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.028, 294.980 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, 5.028, 294.980 by changing the saturation by 10% instead.

 65, 5.028, 294.980

 65, 5.028, 294.980

100, 5.028,
294.980

 55, 5.028, 294.980

 85, 5.028, 294.980

 45, 5.028, 294.980

 95, 5.028, 294.980

 35, 5.028, 294.980

 25, 5.028, 294.980

 15, 5.028, 294.980

 5, 5.028, 294.980

 0, 5.028, 294.980

 65, 5.028, 294.980

 65, 5.028, 294.980

 59, 14.558,

 71, 4.142, 114.188

295.870

76, 12.973,
113.528

54, 24.475,
296.917

82, 21.487,
112.959

48, 34.791,
298.126

87, 29.708,
112.470

42, 45.493,
299.503

93, 37.654,
112.048

37, 56.501,
301.030

98, 44.708,
111.137

32, 67.585,
302.647

98, 44.563,
106.773

27, 78.217,
304.225

23, 87.413,
305.545

21, 93.869,
306.357

Harmonies

Complementary

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



65, 5.028, 294.980



68, 4.955, 114.108

Rectangle

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



65, 5.028, 294.980



65, 5.028, 344.980



65, 5.028, 114.980



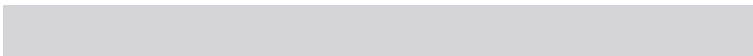
65, 5.028, 164.980

Sweetspot

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



65, 5.026, 294.970



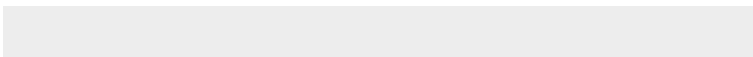
85, 2.296, 294.701



67, 3.057, 208.662



45, 1.316, 294.693



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, 5.026, 294.970



82, 8.088, 295.114



65, 5.424, 312.680



33, 4.260, 295.140



17, 88.494, 306.747



1, 9.588, 293.927

Inverse Universe

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



66, 5.630, 327.868



83, 9.043, 327.976



67, 5.381, 132.287



34, 4.761, 327.995



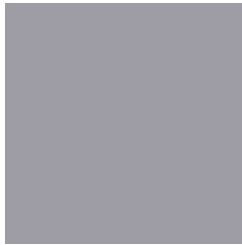
34, 70.689, 333.106



2, 10.515, 328.855

Previews

White Background



This preview shows how the CIE LCh color 65, 5.028, 294.980 looks on a white background.

Color Contrast Check

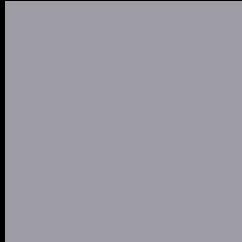
Large Text (above 18pt) WCAG AA × Fail

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, 5.028, 294.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

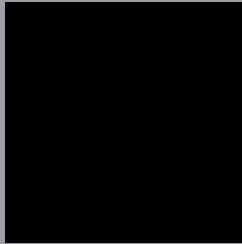
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

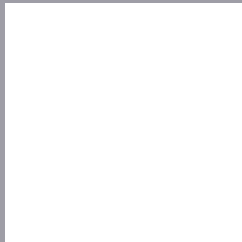
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.028, 294.980

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.028, 294.980.



This preview shows how white text looks on a background with the CIELCh color 65, 5.028, 294.980.

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, 5.028, 294.980

Protanopia

65, 5.028, 294.980


Deuteranopia

65, 9.905, 328.564

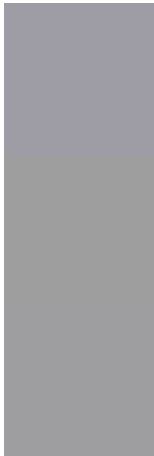


Tritanopia
65, 7.287, 296.788

Trichromacy

	Original Color 65, 5.028, 294.980
	Protanomaly 65, 5.028, 294.980
	Deuteranomaly 65, 8.380, 320.500
	Tritanomaly 65, 6.735, 297.229

Monochromacy

	Original Color 65, 5.028, 294.980
	Achromatopsia 65, 0.008, 296.813
	Achromatomaly 65, 1.673, 290.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.028, 294.980 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, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.028, 294.980 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, 157, 166) }
```

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

```
.border{ border-color:rgb(158, 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(158, 157, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.028, 294.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 166) }
```

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

```
.background{ background-color: rgb(158,  
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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