

Converting Colors

CIELCh(65, 4.642, 286.262)

Have a look what the booklet for
CIELCh(65, 4.642, 286.262) contains.

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Color

CIELCh(65, 5.017, 286.459)

Conversions

Conversions Part 1

Format	Color
Hex	9C9DA6
RGB	156, 157, 166
RGB Percent	61%, 62%, 65%
CMY	0.3873, 0.3834, 0.3481
CMYK	0.06, 0.05, 0.00, 0.35
HSL	234°, 5%, 63%
HSV	234°, 6%, 65%
XYZ	32.7577, 34.0472, 41.0367
YIQ	157.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

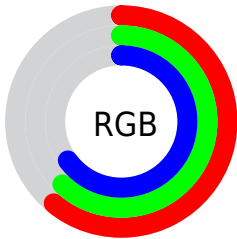
Format	Color
R _{YB}	156, 157, 166
Decimal	10263974
CIE Lab	65.00, 1.42, -4.81
CIE LCh	65, 5.017, 286.459
Yxy	34.0472, 0.3038, 0.3157
Android (android.graphics.Color)	4288454054 (0xFF9C9DA6)
YUV	157.7270, 4.0786, -1.5146
Hunter-Lab	58.3500, -1.9025, -0.8528

Details

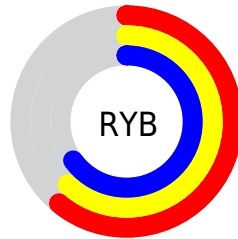
The CIELCh color **65, 5.017, 286.459** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 4.952, 105.162**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.781, 282.074**, and **45, 4.787, 286.098** is the 20% darker color. If you saturate the color by 10%, you get **60, 13.573, 287.634**, and if you desaturate by 10%, it is **70, 3.250, 105.374**.

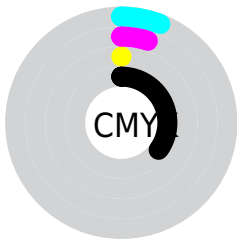
Distribution



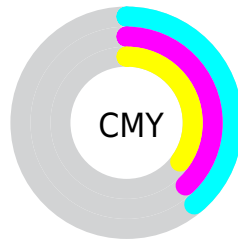
- Red (61%)
- Green (62%)
- Blue (65%)



- Red (61%)
- Yellow (62%)
- Blue (65%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.017, 286.459 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, 5.017, 286.459 by changing the saturation by 10% instead.

■ 65, 5.017, 286.459

■ 65, 5.017, 286.459

■ 100, 5.017,
286.459

■ 55, 5.017, 286.459

■ 85, 5.017, 286.459

■ 45, 5.017, 286.459

■ 95, 5.017, 286.459

■ 35, 5.017, 286.459

■ 25, 5.017, 286.459

■ 15, 5.017, 286.459

■ 5, 5.017, 286.459

■ 0, 5.017, 286.459

■ 65, 5.017, 286.459

■ 65, 5.017, 286.459

■ 60, 13.573,

■ 70, 3.250, 105.374

287.634

76, 11.244,
104.513

54, 22.447,
289.034

81, 18.985,
103.756

49, 31.663,
290.673

86, 26.488,
103.097

44, 41.246,
292.577

91, 33.766,
102.522

38, 51.195,
294.751

96, 40.799,
102.560

33, 61.437,
297.162

98, 44.356,
106.789

29, 71.723,
299.699

25, 81.455,
302.153

22, 89.591,
304.222

Harmonies

Complementary

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



65, 5.017, 286.459



68, 4.952, 105.162

Rectangle

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



65, 5.017, 286.459



65, 5.017, 336.459



65, 5.017, 106.459



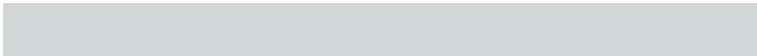
65, 5.017, 156.459

Sweetspot

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



65, 5.016, 286.447



85, 2.061, 286.056



67, 3.806, 189.451



46, 1.181, 286.047



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, 5.016, 286.447



82, 7.253, 286.568



65, 5.770, 305.182



33, 3.820, 286.602



18, 84.087, 304.655



1, 8.745, 286.460

Inverse Universe

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



65, 3.907, 11.490



82, 5.660, 11.603



68, 5.701, 124.612



34, 2.982, 11.634



30, 65.431, 35.001



1, 6.635, 12.265

Previews

White Background



This preview shows how the CIELCh color 65, 5.017, 286.459 looks on a white background.

Color Contrast Check

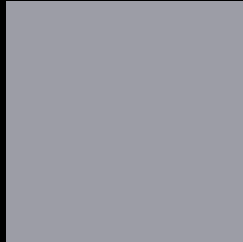
Large Text (above 18pt) WCAG AA × Fail

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, 5.017, 286.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

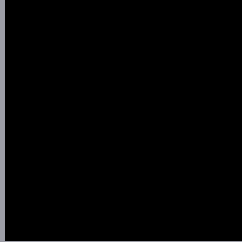
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

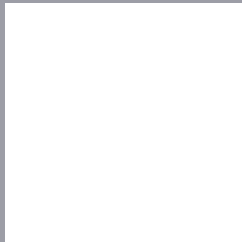
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.017, 286.459

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.017, 286.459.



This preview shows how white text looks on a background with the CIELCh color 65, 5.017, 286.459.

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, 5.017, 286.459

Protanopia

65, 5.028, 294.980

Deuteranopia

65, 9.905, 328.564



Tritanopia
65, 6.675, 290.891

Trichromacy



Original Color
65, 5.017, 286.459

Protanomaly
65, 5.008, 290.719

Deuteranomaly
65, 7.524, 317.572

Tritanomaly
65, 6.120, 290.833

Monochromacy



Original Color
65, 5.017, 286.459

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.709, 277.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.017, 286.459 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(156, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.017, 286.459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

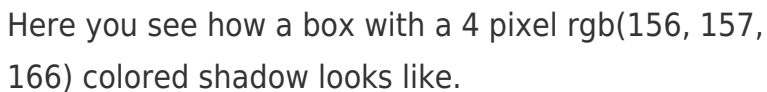
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 157, 166) }
```

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

```
.border{ border-color:rgb(156, 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(156, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(156, 157,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.017, 286.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 166) }
```

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

```
.background{ background-color: rgb(156,  
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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