

Converting Colors

CIELCh(65, 5.867, 304.940)

Have a look what the booklet for
CIELCh(65, 5.867, 304.940) contains.

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Color

CIELCh(65, 5.786, 305.782)

Conversions

Conversions Part 1

Format	Color
Hex	A09CA6
RGB	160, 156, 166
RGB Percent	63%, 61%, 65%
CMY	0.3722, 0.3879, 0.3487
CMYK	0.04, 0.06, 0.00, 0.35
HSL	264°, 5%, 63%
HSV	264°, 6%, 65%
XYZ	33.3107, 34.0472, 40.9366
YIQ	158.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

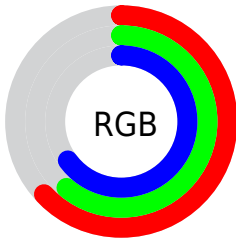
Format	Color
R_{YB}	160, 156, 166
Decimal	10525862
CIE _{Lab}	65.00, 3.38, -4.69
CIE _{LCh}	65, 5.786, 305.782
Yxy	34.0472, 0.3076, 0.3144
Android (android.graphics.Color)	4288715942 (0xFFFA09CA6)
YUV	158.3360, 3.7784, 1.4593
Hunter-Lab	58.3500, -0.2108, -0.7511

Details

The CIELCh color $65, 5.786, 305.782$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.716, 125.222$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.088, 307.676$, and $45, 5.633, 307.446$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.631, 306.318$, and if you desaturate by 10%, it is $70, 3.749, 125.334$.

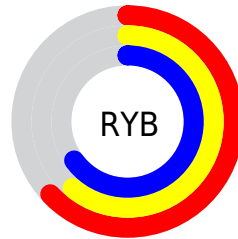
Distribution



Red (63%)

Green (61%)

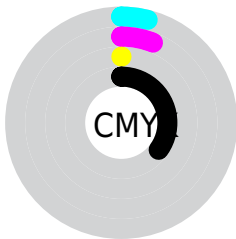
Blue (65%)



Red (63%)

Yellow (61%)

Blue (65%)

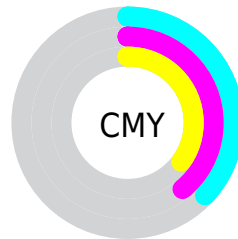


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.786, 305.782 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, 5.786, 305.782 by changing the saturation by 10% instead.

■ 65, 5.786, 305.782

■ 65, 5.786, 305.782

■ 100, 5.786,
305.782

■ 55, 5.786, 305.782

■ 85, 5.786, 305.782

■ 45, 5.786, 305.782

■ 95, 5.786, 305.782

■ 35, 5.786, 305.782

■ 25, 5.786, 305.782

■ 15, 5.786, 305.782

■ 5, 5.786, 305.782

■ 0, 5.786, 305.782

■ 65, 5.786, 305.782

■ 65, 5.786, 305.782

■ 60, 15.631,

■ 70, 3.749, 125.334

306.318

75, 12.972,
124.902

55, 25.778,
306.910

81, 21.895,
124.533

49, 36.189,
307.553

86, 30.531,
124.214

44, 46.773,
308.229

91, 38.896,
123.937

39, 57.356,
308.907

96, 46.592,
123.515

35, 67.623,
309.529

96, 45.572,
119.051

31, 77.051,
310.006

97, 44.856,
114.322

27, 84.897,
310.211

98, 44.480,
109.398

24, 90.417,
310.025

Harmonies

Complementary

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



65, 5.786, 305.782



68, 5.716, 125.222

Rectangle

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



65, 5.786, 305.782



65, 5.786, 355.782



65, 5.786, 125.782



65, 5.786, 175.782

Sweetspot

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



65, 5.784, 305.776



85, 2.378, 305.556



66, 3.102, 242.602



46, 1.363, 305.548



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, 5.784, 305.776



82, 8.367, 305.835



65, 6.514, 321.493



33, 4.406, 305.851



20, 84.725, 310.052



1, 9.852, 303.448

Inverse Universe

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



65, 5.091, 339.004



83, 7.361, 339.097



67, 6.489, 140.982



34, 3.876, 339.122



32, 58.408, 352.291



2, 8.308, 342.453

Previews

White Background



This preview shows how the CIELCh color 65, 5.786, 305.782 looks on a white background.

Color Contrast Check

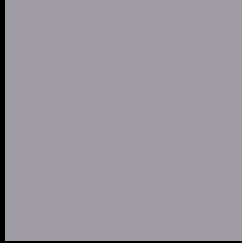
Large Text (above 18pt) WCAG AA × Fail

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, 5.786, 305.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

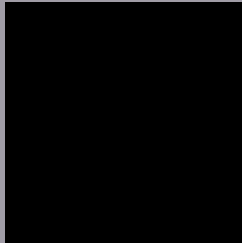
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

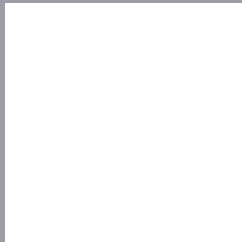
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.786, 305.782

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.786, 305.782.



This preview shows how white text looks on a background with the CIELCh color 65, 5.786, 305.782.

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, 5.786, 305.782

Protanopia

65, 5.028, 294.980

Deuteranopia

65, 9.905, 328.564



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color

65, 5.786, 305.782

Protanomaly

65, 5.074, 299.198

Deuteranomaly

65, 8.574, 322.715

Tritanomaly

65, 6.325, 304.500

Monochromacy



Original Color

65, 5.786, 305.782

Achromatopsia

65, 0.008, 296.813

Achromatomaly

65, 2.365, 309.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.786, 305.782 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(160, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 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(160, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.786, 305.782 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(160, 156, 166) }
```

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

```
.border{ border-color:rgb(160, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.786, 305.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 166) }
```

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

```
.background{ background-color: rgb(160,  
156, 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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