

Converting Colors

CIELCh(65, 55.089, 307.146)

Have a look what the booklet for
CIELCh(65, 55.089, 307.146)
contains.

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Color

CIELCh(65, 55.165, 307.038)

Conversions

Conversions Part 1

Format	Color
Hex	B08CED
RGB	176, 140, 237
RGB Percent	69%, 55%, 93%
CMY	0.3103, 0.4514, 0.0711
CMYK	0.26, 0.41, 0.00, 0.07
HSL	262°, 73%, 74%
HSV	262°, 41%, 93%
XYZ	42.5077, 34.0472, 84.3579
YIQ	161.8220, -9.6810, 37.7990

Conversions

Conversions Part 2

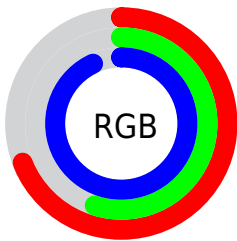
Format	Color
R_{YB}	176, 140, 237
Decimal	11570413
CIE _{Lab}	65.00, 33.23, -44.03
CIE _{LCh}	65, 55.165, 307.038
Yxy	34.0472, 0.2642, 0.2116
Android (android.graphics.Color)	4289760493 (0xFFB08CED)
YUV	161.8220, 37.0628, 12.4341
Hunter-Lab	58.3500, 27.9239, -44.8720

Details

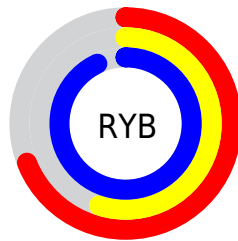
The CIELCh color $65, 55.165, 307.038$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $89, 51.018, 122.296$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.957, 314.817$, and $45, 55.517, 307.030$ is the 20% darker color. If you saturate the color by 10%, you get $58, 69.373, 307.795$, and if you desaturate by 10%, it is $72, 41.112, 306.310$.

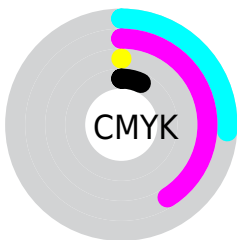
Distribution



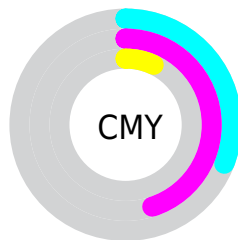
- Red (69%)
- Green (55%)
- Blue (93%)



- Red (69%)
- Yellow (55%)
- Blue (93%)



- Cyan (26%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)





- Cyan (31%)
- Magenta (45%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 55.165, 307.038 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, 55.165, 307.038 by changing the saturation by 10% instead.


 65, 55.165,
307.038


 65, 55.165,
307.038


 100, 55.165,
307.038


 55, 55.165,
307.038


 85, 55.165,
307.038

 45, 55.165,
307.038

 95, 55.165,
307.038

 35, 55.165,
307.038

 25, 55.165,
307.038

 15, 55.165,
307.038

 5, 55.165, 307.038

 0, 55.165, 307.038

65, 55.165,
307.038

65, 55.165,
307.038

58, 69.373,
307.795

72, 41.112,
306.310

52, 83.401,
308.531

79, 27.392,
305.637

46, 96.639,
309.163

86, 14.080,
305.027

41, 108.131,
309.562

93, 1.203, 304.423

99, 9.343, 119.686

37, 116.665,
309.569

100, 9.174,
109.482

34, 121.450,
309.211

Harmonies

Complementary

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



65, 55.165, 307.038



89, 51.018, 122.296

Rectangle

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



65, 55.165, 307.038



65, 55.165, 357.038



65, 55.165, 127.038



65, 55.165, 177.038

Sweetspot

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



65, 55.164, 307.038



91, 16.420, 305.091



78, 26.055, 245.799



47, 10.915, 305.168



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, 55.164, 307.038



64, 70.728, 307.662



70, 59.249, 322.649



45, 7.234, 304.941



25, 99.093, 309.386



4, 37.007, 307.370

Inverse Universe

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



70, 47.540, 340.758



71, 59.679, 341.642



87, 58.669, 138.213



46, 6.516, 337.972



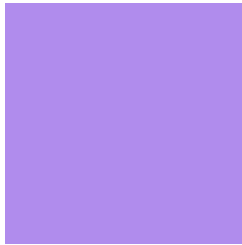
40, 68.531, 350.411



8, 30.255, 346.113

Previews

White Background



This preview shows how the CIELCh color 65, 55.165, 307.038 looks on a white background.

Color Contrast Check

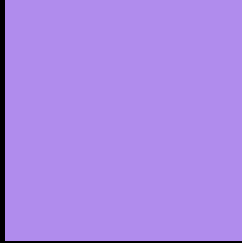
Large Text (above 18pt) WCAG AA × Fail

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, 55.165, 307.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

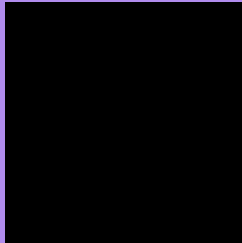
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 55.165, 307.038

Background



This preview shows how black text looks on a background with the CIELCh color 65, 55.165, 307.038.




This preview shows how white text looks on a background with the CIELCh color 65, 55.165, 307.038.

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





Tritanopia
65, 7.360, 314.940

Trichromacy



Original Color
65, 55.165, 307.038

Protanomaly
65, 52.731, 292.971

Deuteranomaly
65, 46.124, 292.257

Tritanomaly
65, 24.351, 307.660

Monochromacy



Original Color
65, 55.165, 307.038

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 20.073, 305.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 55.165, 307.038 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(176, 140, 237)` looks like.

```
.text, #text, p{  
    color:rgb(176, 140, 237)  
}
```

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(176, 140, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 140, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 55.165, 307.038 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(176, 140, 237) }
```

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

```
.border{ border-color:rgb(176, 140, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 140, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 140, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 140, 237);  
box-shadow:4px 4px 4px 4px rgb(176, 140,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 55.165, 307.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 140, 237) }
```

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

```
.background{ background-color: rgb(176,  
140, 237) }
```

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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