

Converting Colors

CIELCh(65, 46.369, 307.455)

Have a look what the booklet for
CIELCh(65, 46.369, 307.455)
contains.

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Color

CIELCh(65, 46.369, 307.455)

Conversions

Conversions Part 1

Format	Color
Hex	AF8FE0
RGB	175, 143, 224
RGB Percent	69%, 56%, 88%
CMY	0.3145, 0.4400, 0.1224
CMYK	0.22, 0.36, 0.00, 0.12
HSL	264°, 56%, 72%
HSV	264°, 36%, 88%
XYZ	40.8522, 34.0472, 74.7895
YIQ	161.8020, -6.9290, 31.9750

Conversions

Conversions Part 2

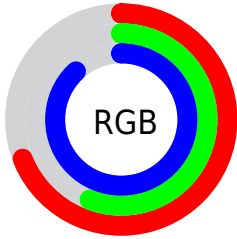
Format	Color
RYB	175, 143, 224
Decimal	11505632
CIELab	65.00, 28.20, -36.81
CIELCh	65, 46.369, 307.455
Yxy	34.0472, 0.2729, 0.2275
Android (android.graphics.Color)	4289695712 (0xFFAF8FE0)
YUV	161.8020, 30.6636, 11.5746
Hunter-Lab	58.3500, 22.8597, -35.1495

Details

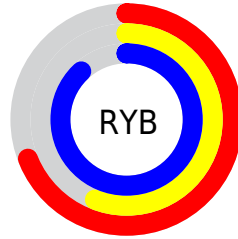
The CIELCh color `65, 46.369, 307.455` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `85, 43.467, 123.469`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 32.954, 313.594`, and `45, 46.311, 307.610` is the 20% darker color. If you saturate the color by 10%, you get `59, 59.873, 308.156`, and if you desaturate by 10%, it is `72, 33.079, 306.789`.

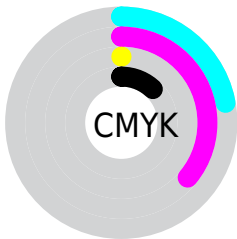
Distribution



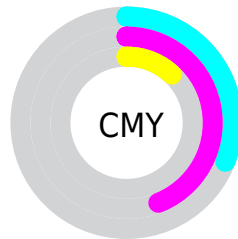
- Red (69%)
- Green (56%)
- Blue (88%)



- Red (69%)
- Yellow (56%)
- Blue (88%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)





- Cyan (31%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 46.369, 307.455 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, 46.369, 307.455 by changing the saturation by 10% instead.


 65, 46.369,
307.455


 65, 46.369,
307.455


 100, 46.369,
307.455


 55, 46.369,
307.455


 85, 46.369,
307.455

 45, 46.369,
307.455

 95, 46.369,
307.455

 35, 46.369,
307.455

 25, 46.369,
307.455

 15, 46.369,
307.455

 5, 46.369, 307.455

 0, 46.369, 307.455

65, 46.369,
307.455

65, 46.369,
307.455

59, 59.873,
308.156

72, 33.079,
306.789

52, 73.350,
308.855

78, 20.129,
306.175

46, 86.351,
309.487

85, 7.573, 305.617

41, 98.141,
309.951

92, 4.574, 125.160

37, 107.688,
310.106

98, 16.317,
124.716

34, 113.945,
309.812

99, 15.788,
108.984

33, 115.758,
309.646

Harmonies

Complementary

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



65, 46.369, 307.455



85, 43.467, 123.469

Rectangle

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



65, 46.369, 307.455



65, 46.369, 357.455



65, 46.369, 127.455



65, 46.369, 177.455

Sweetspot

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



65, 46.367, 307.455



92, 15.085, 305.884



76, 22.490, 247.054



48, 10.158, 305.961



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, 46.367, 307.455



68, 61.786, 307.953



69, 50.344, 322.945



44, 7.002, 305.794



25, 96.533, 309.815



3, 32.778, 306.397

Inverse Universe

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



69, 39.656, 341.461



74, 52.083, 342.211



83, 49.949, 139.008



44, 6.177, 339.073



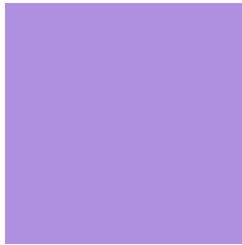
38, 66.351, 352.348



7, 27.769, 347.260

Previews

White Background



This preview shows how the CIELCh color 65, 46.369, 307.455 looks on a white background.

Color Contrast Check

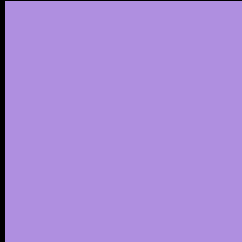
Large Text (above 18pt) WCAG AA × Fail

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, 46.369, 307.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

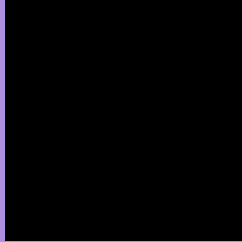
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 46.369, 307.455

Background



This preview shows how black text looks on a background with the CIELCh color 65, 46.369, 307.455.

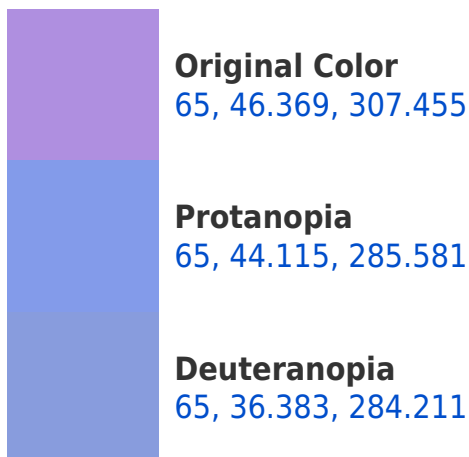



This preview shows how white text looks on a background with the CIELCh color 65, 46.369, 307.455.

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, 7.703, 320.093

Trichromacy



Original Color
65, 46.369, 307.455

Protanomaly
65, 43.913, 293.044

Deuteranomaly
65, 39.515, 293.752

Tritanomaly
65, 21.677, 309.518

Monochromacy



Original Color
65, 46.369, 307.455

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 16.751, 306.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 46.369, 307.455 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(175, 143, 224)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 224)  
}
```

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(175, 143, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 46.369, 307.455 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(175, 143, 224) }
```

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

```
.border{ border-color:rgb(175, 143, 224) }
```

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

Here you see how a box with a 4 pixel rgb(175, 143, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 224);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 46.369, 307.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 224) }
```

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

```
.background{ background-color: rgb(175,  
143, 224) }
```

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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