

Converting Colors

CIELCh(65, 60.717, 320.728)

Have a look what the booklet for
CIELCh(65, 60.717, 320.728)
contains.

CIELCh(65, 60.675, 320.721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 60.675, 320.721)

Conversions

Conversions Part 1

Format	Color
Hex	CF7FE3
RGB	207, 127, 227
RGB Percent	81%, 50%, 89%
CMY	0.1877, 0.5015, 0.1093
CMYK	0.09, 0.44, 0.00, 0.11
HSL	288°, 64%, 69%
HSV	288°, 44%, 89%
XYZ	47.2562, 34.0472, 76.8476
YIQ	162.3200, 15.5800, 48.0600

Conversions

Conversions Part 2

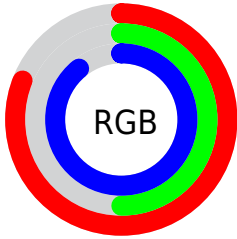
Format	Color
R _Y B	207, 127, 227
Decimal	13598691
CIE Lab	65.00, 46.97, -38.41
CIE LCh	65, 60.675, 320.721
Yxy	34.0472, 0.2988, 0.2153
Android (android.graphics.Color)	4291788771 (0xFFCF7FE3)
YUV	162.3200, 31.8872, 39.1844
Hunter-Lab	58.3500, 42.4503, -37.2407

Details

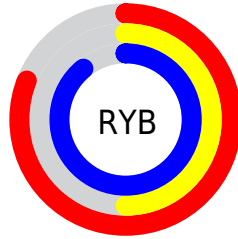
The CIELCh color $65, 60.675, 320.721$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 59.577, 136.291$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.730, 326.007$, and $45, 60.500, 320.828$ is the 20% darker color. If you saturate the color by 10%, you get $60, 73.554, 321.058$, and if you desaturate by 10%, it is $70, 47.075, 320.318$.

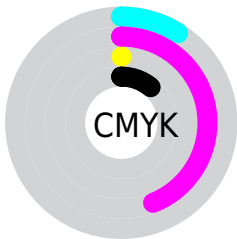
Distribution



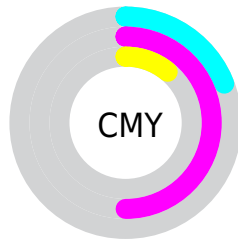
- Red (81%)
- Green (50%)
- Blue (89%)



- Red (81%)
- Yellow (50%)
- Blue (89%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)





- Cyan (19%)
- Magenta (50%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 60.675, 320.721 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, 60.675, 320.721 by changing the saturation by 10% instead.


 65, 60.675,
320.721


 65, 60.675,
320.721


 100, 60.675,
320.721


 55, 60.675,
320.721


 85, 60.675,
320.721

 45, 60.675,
320.721

 95, 60.675,
320.721

 35, 60.675,
320.721

 25, 60.675,
320.721

 15, 60.675,
320.721

 5, 60.675, 320.721

 0, 60.675, 320.721

65, 60.675,
320.721

65, 60.675,
320.721

60, 73.554,
321.058

70, 47.075,
320.318

56, 85.174,
321.289

76, 33.170,
319.879

52, 94.894,
321.370

82, 19.244,
319.424

49, 102.102,
321.254

88, 5.482, 318.948

47, 106.429,
320.907

94, 8.003, 138.587

46, 107.945,
320.612

98, 16.033,
136.501

98, 15.326,
131.244

99, 14.761,
125.474

■ 99, 14.360,
119.259

Harmonies

Complementary

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



65, 60.675, 320.721



83, 59.577, 136.291

Rectangle

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



65, 60.675, 320.721



65, 60.675, 10.721



65, 60.675, 140.721



65, 60.675, 190.721

Sweetspot

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



65, 60.673, 320.721



91, 19.571, 319.380



62, 44.925, 287.454



47, 13.719, 319.482



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, 60.673, 320.721



67, 79.345, 321.037



66, 51.557, 337.657



45, 7.826, 319.213



36, 90.106, 320.723



6, 37.101, 321.566

Inverse Universe

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



65, 41.194, 8.998



67, 54.891, 11.042



83, 51.029, 150.289



45, 4.978, 4.074



37, 71.018, 29.306



7, 26.667, 13.414

Previews

White Background



This preview shows how the CIELCh color 65, 60.675, 320.721 looks on a white background.

Color Contrast Check

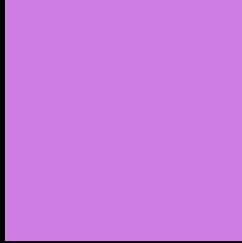
Large Text (above 18pt) WCAG AA × Fail

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, 60.675, 320.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

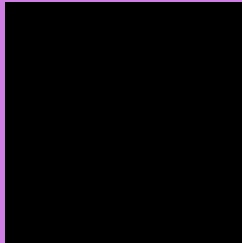
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 60.675, 320.721

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.675, 320.721.

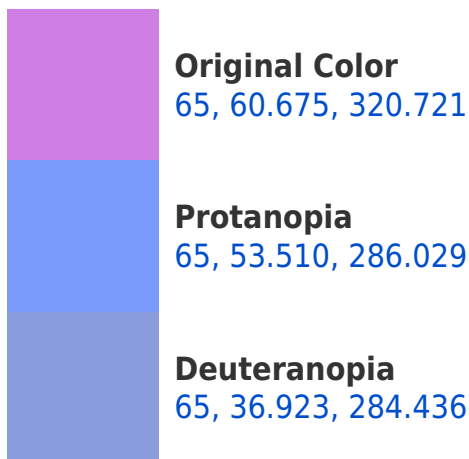


This preview shows how white text looks on a background with the CIELCh color 65, 60.675, 320.721.

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, 22.192, 5.929

Trichromacy



Original Color
65, 60.675, 320.721



Protanomaly
65, 54.107, 298.037



Deuteranomaly
65, 43.871, 301.165



Tritanomaly
65, 33.834, 337.142

Monochromacy



Original Color
65, 60.675, 320.721



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 23.191, 319.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.675, 320.721 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(207, 127, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 127, 227)  
}
```

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(207, 127, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 127, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 60.675, 320.721 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(207, 127, 227) }
```

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

```
.border{ border-color:rgb(207, 127, 227) }
```

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

Here you see how a box with a 4 pixel rgb(207, 127, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 127, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 127, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 127,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 60.675, 320.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 127, 227) }
```

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

```
.background{ background-color: rgb(207,  
127, 227) }
```

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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