

Converting Colors

CIELCh(66, 91.260, 327.537)

Have a look what the booklet for
CIELCh(66, 91.260, 327.537)
contains.

CIELCh(66, 91.275, 327.537)	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(66, 91.275, 327.537)

Conversions

Conversions Part 1

Format	Color
Hex	FA5FFA
RGB	250, 95, 250
RGB Percent	98%, 37%, 98%
CMY	0.0204, 0.6282, 0.0204
CMYK	0.00, 0.62, 0.00, 0.02
HSL	300°, 94%, 68%
HSV	300°, 62%, 98%
XYZ	60.6496, 35.3238, 93.9024
YIQ	159.0150, 42.6250, 81.0650

Conversions

Conversions Part 2

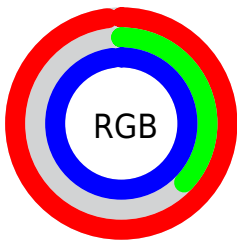
Format	Color
R _{YB}	250, 95, 250
Decimal	16408570
CIE _{Lab}	66.00, 77.01, -48.99
CIE _{LCh}	66, 91.275, 327.537
Yxy	35.3238, 0.3194, 0.1860
Android (android.graphics.Color)	4294598650 (0xFFFA5FFA)
YUV	159.0150, 44.8556, 79.7938
Hunter-Lab	59.4338, 78.1423, -52.0714

Details

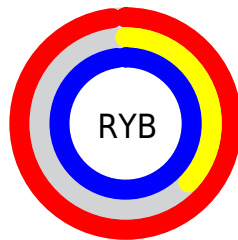
The CIELCh color **66, 91.275, 327.537** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **88, 92.417, 138.922**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.698, 326.575**, and **46, 91.323, 327.511** is the 20% darker color. If you saturate the color by 10%, you get **63, 101.112, 327.845**, and if you desaturate by 10%, it is **70, 79.112, 327.147**.

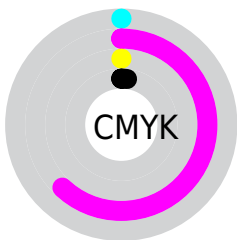
Distribution



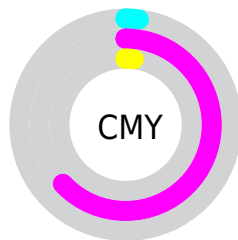
- Red (98%)
- Green (37%)
- Blue (98%)



- Red (98%)
- Yellow (37%)
- Blue (98%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (63%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 91.275, 327.537 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 66, 91.275, 327.537 by changing the saturation by 10% instead.


 66, 91.275,
327.537


 66, 91.275,
327.537


 100, 91.275,
327.537


 56, 91.275,
327.537


 86, 91.275,
327.537

 46, 91.275,
327.537

 96, 91.275,
327.537

 36, 91.275,
327.537

 26, 91.275,
327.537

 16, 91.275,
327.537

 6, 91.275, 327.537

 0, 91.275, 327.537

66, 91.275,
327.537

66, 91.275,
327.537

63, 101.112,
327.845

70, 79.112,
327.147

61, 108.159,
328.061

74, 65.240,
326.691

60, 112.254,
328.185

80, 50.259,
326.186

59, 113.778,
328.231

85, 34.681,
325.648

91, 18.901,
325.090

97, 3.200, 324.459

99, 3.215, 144.420

99, 3.215, 144.415

Harmonies

Complementary

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



66, 91.275, 327.537



88, 92.417, 138.922

Rectangle

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



66, 91.275, 327.537



66, 91.275, 17.537



66, 91.275, 147.537



66, 91.275, 197.537

Sweetspot

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



66, 91.272, 327.537



88, 30.379, 325.481



49, 88.079, 299.659



45, 20.914, 325.639



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 91.272, 327.537



64, 104.396, 327.897



63, 67.418, 350.078



49, 8.908, 324.945



45, 92.157, 328.231



12, 41.696, 328.231

Inverse Universe

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



61, 67.139, 28.228



58, 82.557, 32.099



89, 64.394, 155.610



49, 5.167, 19.939



39, 83.390, 39.999



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIELCh color 66, 91.275, 327.537 looks on a white background.

Color Contrast Check

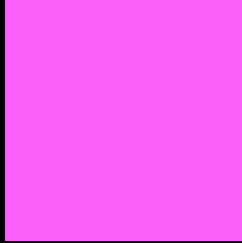
Large Text (above 18pt) WCAG AA × Fail

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 66, 91.275, 327.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

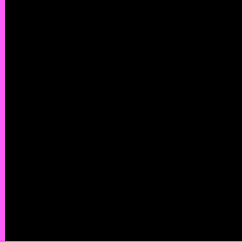
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 91.275, 327.537

Background



This preview shows how black text looks on a background with the CIELCh color 66, 91.275, 327.537.

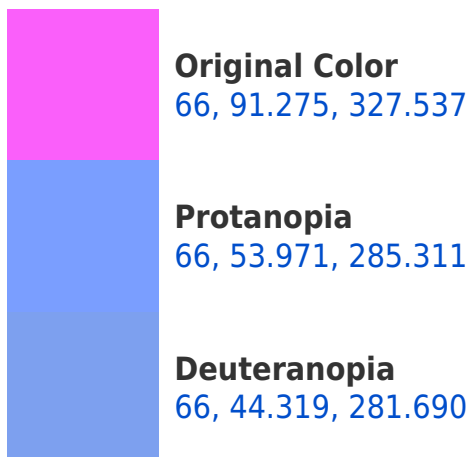


This preview shows how white text looks on a background with the CIELCh color 66, 91.275, 327.537.

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
66, 44.913, 18.322

Trichromacy



Original Color
66, 91.275, 327.537



Protanomaly
64, 66.428, 304.727



Deuteranomaly
64, 60.587, 305.627



Tritanomaly
65, 55.941, 349.901

Monochromacy



Original Color
66, 91.275, 327.537



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 37.002, 326.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 91.275, 327.537 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(250, 95, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 95, 250)  
}
```

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(250, 95, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 95, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 91.275, 327.537 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(250, 95, 250) }
```

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

```
.border{ border-color:rgb(250, 95, 250) }
```

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

Here you see how a box with a 4 pixel rgb(250, 95, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 95, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 95, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 95,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 91.275, 327.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 95, 250) }
```

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

```
.background{ background-color: rgb(250, 95,  
250) }
```

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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