

Converting Colors

CIELCh(66, 76.336, 337.044)

Have a look what the booklet for
CIELCh(66, 76.336, 337.044)
contains.

CIELCh(66, 76.283, 337.108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 76.283, 337.108)

Conversions

Conversions Part 1

Format	Color
Hex	FE65D7
RGB	254, 101, 215
RGB Percent	100%, 40%, 84%
CMY	0.0036, 0.6035, 0.1565
CMYK	0.00, 0.60, 0.15, 0.00
HSL	315°, 99%, 70%
HSV	315°, 60%, 100%
XYZ	57.8462, 35.3238, 68.1181
YIQ	159.7430, 54.5940, 67.8900

Conversions

Conversions Part 2

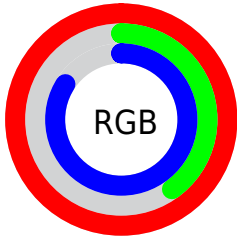
Format	Color
RYB	254, 101, 215
Decimal	16672215
CIELab	66.00, 70.27, -29.67
CIELCh	66, 76.283, 337.108
Yxy	35.3238, 0.3587, 0.2190
Android (android.graphics.Color)	4294862295 (0xFFFE65D7)
YUV	159.7430, 27.2417, 82.6634
Hunter-Lab	59.4338, 69.7227, -26.3495

Details

The CIELCh color **66, 76.283, 337.108** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 76.971, 146.408**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.735, 326.477**, and **46, 76.237, 337.099** is the 20% darker color. If you saturate the color by 10%, you get **62, 84.955, 338.093**, and if you desaturate by 10%, it is **70, 65.545, 336.217**.

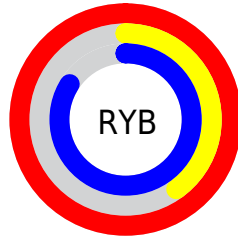
Distribution



Red (100%)

Green (40%)

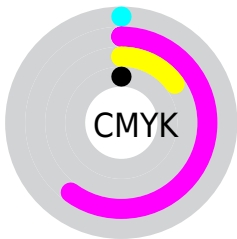
Blue (84%)



Red (100%)

Yellow (40%)

Blue (84%)

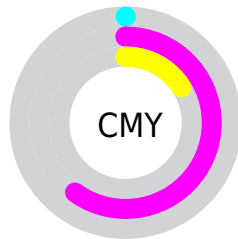


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 76.283, 337.108 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, 76.283, 337.108 by changing the saturation by 10% instead.


 66, 76.283,
337.108


 66, 76.283,
337.108


 100, 76.283,
337.108


 56, 76.283,
337.108


 86, 76.283,
337.108

 46, 76.283,
337.108

 96, 76.283,
337.108

 36, 76.283,
337.108

 26, 76.283,
337.108

 16, 76.283,
337.108

 6, 76.283, 337.108

 0, 76.283, 337.108

66, 76.283,
337.108

66, 76.283,
337.108

62, 84.955,
338.093

70, 65.545,
336.217

60, 90.989,
339.213

76, 53.394,
335.392

58, 94.059,
340.526

81, 40.404,
334.617

57, 94.540,
342.035

87, 27.027,
333.880

93, 13.584,
333.172

100, 0.289,
331.197

100, 0.315,
201.491

Harmonies

Complementary

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



66, 76.283, 337.108



90, 76.971, 146.408

Rectangle

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



66, 76.283, 337.108



66, 76.283, 27.108



66, 76.283, 157.108



66, 76.283, 207.108

Sweetspot

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



66, 76.280, 337.108



89, 24.118, 333.722



54, 87.345, 305.334



46, 16.776, 333.931



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, 76.280, 337.108



62, 86.484, 338.283



64, 62.073, 9.093



50, 7.580, 333.122



43, 76.584, 341.735



11, 36.008, 339.707

Inverse Universe

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



66, 76.280, 337.108



62, 86.484, 338.283



91, 49.835, 172.790



50, 7.580, 333.122



43, 76.584, 341.735



11, 36.008, 339.707

Previews

White Background



This preview shows how the CIELCh color 66, 76.283, 337.108 looks on a white background.

Color Contrast Check

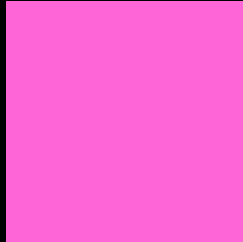
Large Text (above 18pt) WCAG AA × Fail

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, 76.283, 337.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

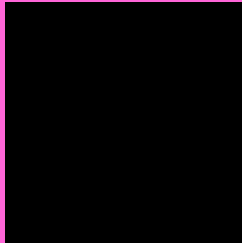
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 76.283, 337.108

Background



This preview shows how black text looks on a background with the CIELCh color 66, 76.283, 337.108.

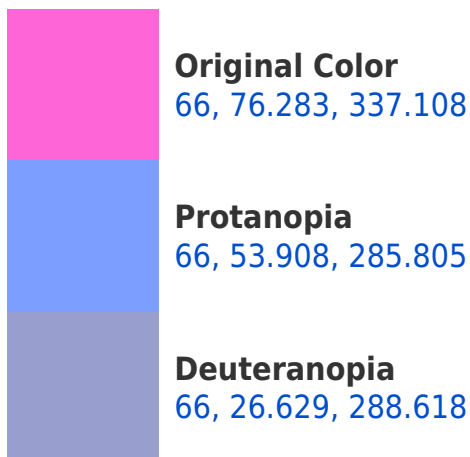


This preview shows how white text looks on a background with the CIELCh color 66, 76.283, 337.108.

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, 51.328, 20.045

Trichromacy



Original Color
66, 76.283, 337.108



Protanomaly
64, 58.414, 305.910



Deuteranomaly
64, 43.834, 317.907



Tritanomaly
66, 56.269, 359.618

Monochromacy



Original Color
66, 76.283, 337.108



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 30.479, 334.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 76.283, 337.108 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(254, 101, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 215)  
}
```

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(254, 101, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 76.283, 337.108 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(254, 101, 215) }
```

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

```
.border{ border-color:rgb(254, 101, 215) }
```

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

Here you see how a box with a 4 pixel rgb(254, 101, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 76.283, 337.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 215) }
```

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

```
.background{ background-color: rgb(254,  
101, 215) }
```

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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