

# Converting Colors

CIELCh(66, 92.360, 326.435)

Have a look what the booklet for  
CIELCh(66, 92.360, 326.435)  
contains.

<b>CIELCh(66, 92.723, 326.372)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**CIELCh(66, 92.723, 326.372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F85FFE
RGB	248, 95, 254
RGB Percent	97%, 37%, 100%
CMY	0.0272, 0.6272, 0.0037
CMYK	0.02, 0.63, 0.00, 0.00
HSL	298°, 99%, 68%
HSV	298°, 63%, 100%
XYZ	60.7315, 35.3238, 97.4344
YIQ	158.8730, 40.1490, 81.8850

# Conversions

## Conversions Part 2

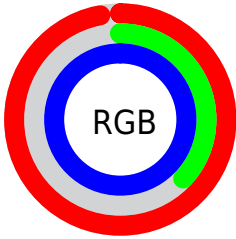
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 95, 254
Decimal	16277502
CIE Lab	66.00, 77.21, -51.35
CIE LCh	66, 92.723, 326.372
Yxy	35.3238, 0.3139, 0.1826
Android (android.graphics.Color)	4294467582 (0xFFFF85FFE)
YUV	158.8730, 46.8976, 78.1644
Hunter-Lab	59.4338, 78.3882, -55.5949

# Details

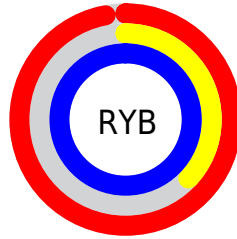
The CIELCh color **66, 92.723, 326.372** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 93.510, 138.245**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.698, 326.575**, and **46, 92.923, 326.296** is the 20% darker color. If you saturate the color by 10%, you get **63, 102.717, 326.621**, and if you desaturate by 10%, it is **70, 80.396, 326.026**.

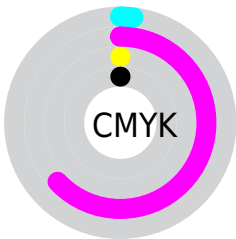
# Distribution



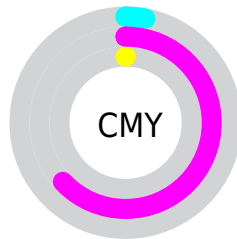
- Red (97%)
- Green (37%)
- Blue (100%)



- Red (97%)
- Yellow (37%)
- Blue (100%)



- Cyan (2%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (63%)
- Yellow (0%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 92.723, 326.372 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, 92.723, 326.372 by changing the saturation by 10% instead.





 66, 92.723,  
326.372


 66, 92.723,  
326.372


 100, 92.723,  
326.372


 56, 92.723,  
326.372


 86, 92.723,  
326.372

 46, 92.723,  
326.372

 96, 92.723,  
326.372

 36, 92.723,  
326.372

 26, 92.723,  
326.372

 16, 92.723,  
326.372

 6, 92.723, 326.372

 0, 92.723, 326.372

66, 92.723,  
326.372

66, 92.723,  
326.372

63, 102.717,  
326.621

70, 80.396,  
326.026

60, 109.876,  
326.756

75, 66.379,  
325.604

59, 114.004,  
326.773

80, 51.284,  
325.127

58, 115.462,  
326.721

86, 35.623,  
324.614

92, 19.783,  
324.082

98, 4.035, 323.496

100, 0.472,  
119.672

100, 0.464,  
109.977



# Harmonies

# Complementary

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



66, 92.723, 326.372



89, 93.510, 138.245

# Rectangle

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



66, 92.723, 326.372



66, 92.723, 16.372



66, 92.723, 146.372



66, 92.723, 196.372

# Sweetspot

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



66, 92.720, 326.372



88, 30.046, 324.426



51, 86.897, 298.647



45, 20.690, 324.577



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, 92.720, 326.372



62, 105.028, 326.665



64, 69.932, 348.048



50, 8.952, 323.915



44, 93.255, 326.746



12, 42.890, 326.924



# Inverse Universe

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



62, 67.561, 25.808



57, 81.927, 30.063



90, 67.721, 153.900



49, 5.255, 16.892



40, 82.599, 38.552



10, 33.060, 25.667



# Previews

## White Background



This preview shows how the CIELCh color 66, 92.723, 326.372 looks on a white background.

## Color Contrast Check

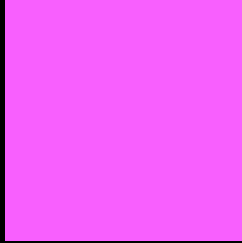
Large Text (above 18pt) WCAG AA × Fail

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, 92.723, 326.372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

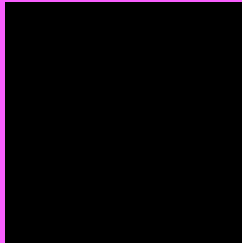
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 66, 92.723, 326.372

## Background



This preview shows how black text looks on a background with the CIELCh color 66, 92.723, 326.372.

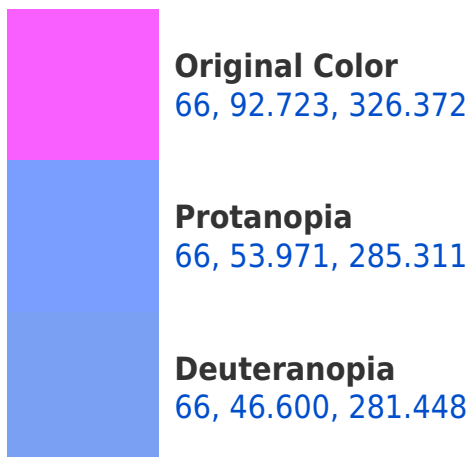


This preview shows how white text looks on a background with the CIELCh color 66, 92.723, 326.372.

# 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, 43.235, 17.853

# Trichromacy



**Original Color**  
66, 92.723, 326.372



**Protanomaly**  
64, 67.482, 304.632



**Deuteranomaly**  
64, 62.614, 304.543



**Tritanomaly**  
65, 55.080, 348.228

# Monochromacy



**Original Color**  
66, 92.723, 326.372



**Achromatopsia**  
65, 0.008, 296.813



**Achromatomaly**  
64, 37.721, 324.561

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 66, 92.723, 326.372 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(248, 95, 254)` looks like.

```
.text, #text, p{  
    color:rgb(248, 95, 254)  
}
```

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(248, 95, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 95, 254) }
```

## Border

The CSS property to change the border of an element to CIELCh 66, 92.723, 326.372 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(248, 95, 254) }
```

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

```
.border{ border-color:rgb(248, 95, 254) }
```

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

Here you see how a box with a 4 pixel rgb(248, 95, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 95, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 95, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 95,  
254) }
```

# Background

The CSS property to change the background color of an element to CIELCh 66, 92.723, 326.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 95, 254) }
```

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

```
.background{ background-color: rgb(248, 95,  
254) }
```

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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