

Converting Colors

CIELCh(64, 57.095, 356.283)

Have a look what the booklet for
CIELCh(64, 57.095, 356.283)
contains.

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Color

CIELCh(64, 57.348, 356.141)

Conversions

Conversions Part 1

Format	Color
Hex	F46DA4
RGB	244, 109, 164
RGB Percent	96%, 43%, 64%
CMY	0.0436, 0.5730, 0.3573
CMYK	0.00, 0.55, 0.33, 0.04
HSL	336°, 86%, 69%
HSV	336°, 55%, 96%
XYZ	49.4145, 32.8017, 38.7983
YIQ	155.6350, 62.8050, 45.7250

Conversions

Conversions Part 2

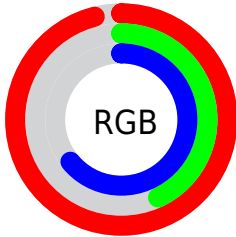
Format	Color
R_{YB}	244, 109, 164
Decimal	16018852
CIE _{Lab}	64.00, 57.22, -3.86
CIE _{LCh}	64, 57.348, 356.141
Yxy	32.8017, 0.4083, 0.2711
Android (android.graphics.Color)	4294208932 (0xFFFF46DA4)
YUV	155.6350, 4.1239, 77.4961
Hunter-Lab	57.2727, 53.7811, -0.0739

Details

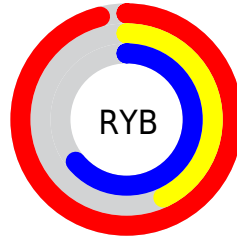
The CIELCh color **64, 57.348, 356.141** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **88, 51.984, 162.670**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 42.874, 341.651**, and **44, 57.316, 356.260** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.021, 358.425**, and if you desaturate by 10%, it is **69, 47.526, 354.302**.

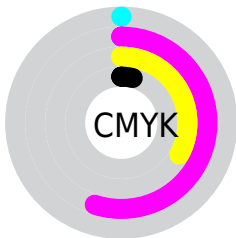
Distribution



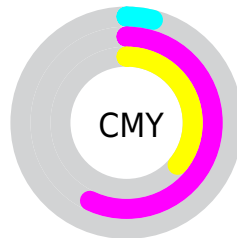
- Red (96%)
- Green (43%)
- Blue (64%)



- Red (96%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (55%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (57%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 57.348, 356.141 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 64, 57.348, 356.141 by changing the saturation by 10% instead.


 64, 57.348,
356.141


 64, 57.348,
356.141


 100, 57.348,
356.141


 54, 57.348,
356.141


 84, 57.348,
356.141

 44, 57.348,
356.141

 94, 57.348,
356.141

 34, 57.348,
356.141

 24, 57.348,
356.141

 14, 57.348,
356.141

 4, 57.348, 356.141

 0, 57.348, 356.141

64, 57.348,
356.141

64, 57.348,
356.141

60, 66.021,
358.425

69, 47.526,
354.302

56, 73.026, 1.310

74, 37.078,
352.782

54, 77.998, 4.981

80, 26.408,
351.495

52, 80.988, 9.582

52, 82.035, 11.949

86, 15.797,
350.376

93, 5.423, 349.342

99, 4.493, 169.425

99, 3.841, 199.334

Harmonies

Complementary

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



64, 57.348, 356.141



88, 51.984, 162.670

Rectangle

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



64, 57.348, 356.141



64, 57.348, 46.141



64, 57.348, 176.141



64, 57.348, 226.141

Sweetspot

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



64, 57.345, 356.142



89, 18.184, 350.556



60, 78.111, 314.410



46, 12.195, 350.775



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 57.345, 356.142



62, 68.946, 358.633



65, 54.530, 31.544



48, 5.817, 349.772



40, 66.870, 10.978



9, 29.686, 3.381

Inverse Universe

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



64, 57.345, 356.142



62, 68.946, 358.633



86, 35.170, 206.978



48, 5.817, 349.772



40, 66.870, 10.978



9, 29.686, 3.381

Previews

White Background



This preview shows how the CIELCh color 64, 57.348, 356.141 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 64, 57.348, 356.141 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 64, 57.348, 356.141

Background



This preview shows how black text looks on a background with the CIELCh color 64, 57.348, 356.141.



This preview shows how white text looks on a background with the CIELCh color 64, 57.348, 356.141.

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



Original Color

64, 57.348, 356.141

Protanopia

64, 21.840, 285.328

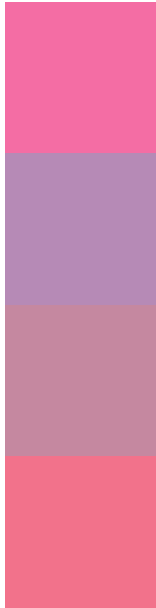
Deuteranopia

64, 8.098, 355.877



Tritanopia
64, 51.732, 20.869

Trichromacy



Original Color
64, 57.348, 356.141

Protanomaly
63, 29.399, 325.740

Deuteranomaly
63, 27.052, 353.044

Tritanomaly
64, 52.501, 11.336

Monochromacy



Original Color
64, 57.348, 356.141

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.995, 351.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 57.348, 356.141 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(244, 109, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 109, 164)  
}
```

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(244, 109, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 109, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 57.348, 356.141 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(244, 109, 164) }
```

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

```
.border{ border-color:rgb(244, 109, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 109, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 109, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 109, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 109,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 57.348, 356.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 109, 164) }
```

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

```
.background{ background-color: rgb(244,  
109, 164) }
```

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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