

Converting Colors

CIELCh(76, 86.653, 9.414)

Have a look what the booklet for
CIELCh(76, 86.653, 9.414) contains.

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Color

CIELCh(64, 64.904, 356.036)

Conversions

Conversions Part 1

Format	Color
Hex	FE63A5
RGB	254, 99, 165
RGB Percent	100%, 39%, 65%
CMY	0.0032, 0.6108, 0.3518
CMYK	0.00, 0.61, 0.35, 0.00
HSL	334°, 99%, 69%
HSV	334°, 61%, 100%
XYZ	52.2436, 32.8017, 39.3154
YIQ	152.8690, 71.1940, 53.3860

Conversions

Conversions Part 2

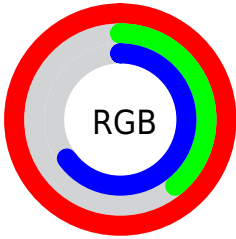
Format	Color
R_{YB}	254, 99, 165
Decimal	16671653
CIE _{Lab}	64.00, 64.75, -4.49
CIE _{LCh}	64, 64.904, 356.036
Yxy	32.8017, 0.4201, 0.2638
Android (android.graphics.Color)	4294861733 (0xFFFE63A5)
YUV	152.8690, 5.9806, 88.6919
Hunter-Lab	57.2727, 62.5985, -0.6093

Details

The CIELCh color **64, 64.904, 356.036** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **90, 59.239, 160.649**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 48.489, 339.702**, and **44, 64.727, 356.257** is the 20% darker color. If you saturate the color by 10%, you get **60, 72.876, 358.555**, and if you desaturate by 10%, it is **69, 55.367, 354.027**.

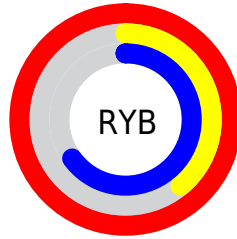
Distribution



Red (100%)

Green (39%)

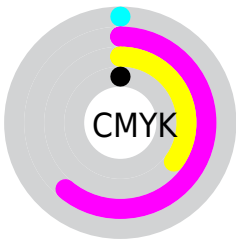
Blue (65%)



Red (100%)

Yellow (39%)

Blue (65%)

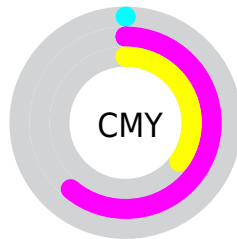


Cyan (0%)

Magenta (61%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 64.904, 356.036 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, 64.904, 356.036 by changing the saturation by 10% instead.

 64, 64.904,
356.036

 64, 64.904,
356.036


 100, 64.904,
356.036

 54, 64.904,
356.036


 84, 64.904,
356.036

 44, 64.904,
356.036

 94, 64.904,
356.036

 34, 64.904,
356.036

 24, 64.904,
356.036

 14, 64.904,
356.036

 4, 64.904, 356.036

 0, 64.904, 356.036

■ 64, 64.904,
356.036

■ 64, 64.904,
356.036

■ 60, 72.876,
358.555

■ 69, 55.367,
354.027

■ 57, 78.801, 1.754

■ 74, 44.845,
352.385

■ 55, 82.503, 5.812

■ 80, 33.836,
351.008

■ 54, 84.413, 10.211

■ 86, 22.711,
349.824

■ 93, 11.721,
348.776

■ 99, 1.013, 347.397

■ 100, 0.283,
201.733

Harmonies

Complementary

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



64, 64.904, 356.036



90, 59.239, 160.649

Rectangle

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



64, 64.904, 356.036



64, 64.904, 46.036



64, 64.904, 176.036



64, 64.904, 226.036

Sweetspot

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



64, 64.900, 356.037



88, 19.491, 349.503



59, 88.462, 314.105



45, 13.590, 349.819



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, 64.900, 356.037



60, 74.454, 359.151



64, 63.894, 31.595



50, 6.085, 348.630



41, 68.082, 9.248



10, 31.375, 2.566

Inverse Universe

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



64, 64.900, 356.037



60, 74.454, 359.151



89, 39.176, 205.007



50, 6.085, 348.630



41, 68.082, 9.248



10, 31.375, 2.566

Previews

White Background



This preview shows how the CIELCh color 64, 64.904, 356.036 looks on a white background.

Color Contrast Check

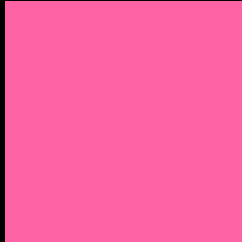
Large Text (above 18pt) WCAG AA × Fail

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, 64.904, 356.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

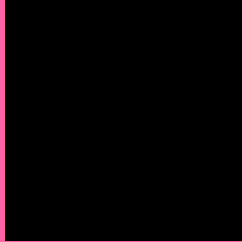
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 64.904, 356.036

Background



This preview shows how black text looks on a background with the CIELCh color 64, 64.904, 356.036.



This preview shows how white text looks on a background with the CIELCh color 64, 64.904, 356.036.

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, 64.911, 356.086

Protanopia

64, 25.785, 284.764

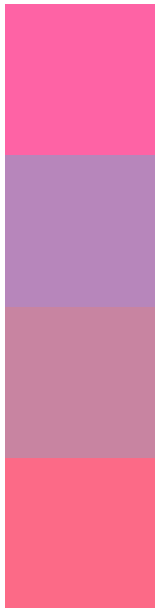
Deuteranopia

64, 7.988, 351.020



Tritanopia
64, 58.775, 23.074

Trichromacy



Original Color
64, 64.911, 356.086

Protanomaly
62, 34.504, 323.789

Deuteranomaly
63, 30.631, 351.329

Tritanomaly
64, 59.479, 12.423

Monochromacy



Original Color
64, 64.911, 356.086

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 25.794, 351.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 64.904, 356.036 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, 99, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 99, 165)  
}
```

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, 99, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 99, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 64.904, 356.036 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, 99, 165) }
```

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

```
.border{ border-color:rgb(254, 99, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 99, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 99, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 99, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 99,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 64.904, 356.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 99, 165) }
```

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

```
.background{ background-color: rgb(254, 99,  
165) }
```

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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