

Converting Colors

CIELCh(65, 64.685, 354.517)

Have a look what the booklet for
CIELCh(65, 64.685, 354.517)
contains.

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Color

CIELCh(65, 64.367, 354.269)

Conversions

Conversions Part 1

Format	Color
Hex	FF67AB
RGB	255, 103, 171
RGB Percent	100%, 40%, 67%
CMY	0.0000, 0.5947, 0.3282
CMYK	0.00, 0.59, 0.33, 0.00
HSL	333°, 100%, 70%
HSV	333°, 59%, 100%
XYZ	53.6360, 34.0472, 42.4294
YIQ	156.2000, 68.7640, 53.3720

Conversions

Conversions Part 2

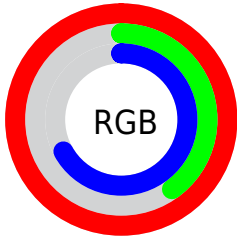
Format	Color
R _Y B	255, 103, 171
Decimal	16738219
CIE Lab	65.00, 64.05, -6.43
CIE LCh	65, 64.367, 354.269
Yxy	34.0472, 0.4122, 0.2617
Android (android.graphics.Color)	4294928299 (0xFFFF67AB)
YUV	156.2000, 7.2964, 86.6476
Hunter-Lab	58.3500, 61.9670, -2.2680

Details

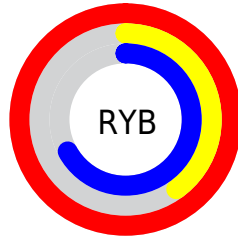
The CIELCh color **65, 64.367, 354.269** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 59.386, 159.638**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 48.101, 337.320**, and **45, 64.165, 354.184** is the 20% darker color. If you saturate the color by 10%, you get **61, 72.477, 356.509**, and if you desaturate by 10%, it is **70, 54.521, 352.316**.

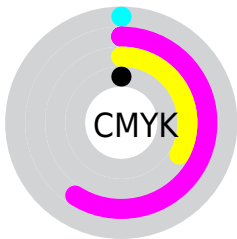
Distribution



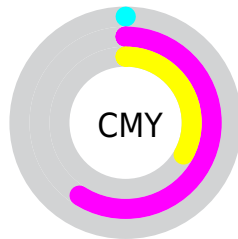
- Red (100%)
- Green (40%)
- Blue (67%)



- Red (100%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (59%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (59%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 64.367, 354.269 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 65, 64.367, 354.269 by changing the saturation by 10% instead.

 65, 64.367,
354.269

 65, 64.367,
354.269


 100, 64.367,
354.269


 55, 64.367,
354.269


 85, 64.367,
354.269

 45, 64.367,
354.269

 95, 64.367,
354.269

 35, 64.367,
354.269

 25, 64.367,
354.269

 15, 64.367,
354.269

 5, 64.367, 354.269

 0, 64.367, 354.269

■ 65, 64.367,
354.269

■ 65, 64.367,
354.269

■ 61, 72.477,
356.509

■ 70, 54.521,
352.316

■ 58, 78.624,
359.452

■ 75, 43.821,
350.775

■ 56, 82.450, 3.194

■ 81, 32.660,
349.472

■ 55, 84.360, 7.797

■ 87, 21.400,
348.342

■ 55, 84.453, 8.048

■ 94, 10.281,
347.330

100, 0.012,
296.813

Harmonies

Complementary

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



65, 64.367, 354.269



91, 59.386, 159.638

Rectangle

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



65, 64.367, 354.269



65, 64.367, 44.269



65, 64.367, 174.269



65, 64.367, 224.269

Sweetspot

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



65, 64.266, 354.184



88, 19.748, 348.187



59, 86.618, 313.562



45, 13.766, 348.496



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 64.266, 354.184



60, 73.560, 356.913



65, 62.956, 30.296



50, 6.170, 347.333



41, 68.001, 7.114



10, 31.478, 0.735

Inverse Universe

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



65, 64.266, 354.184



60, 73.560, 356.913



90, 39.344, 202.823



50, 6.170, 347.333



41, 68.001, 7.114



10, 31.478, 0.735

Previews

White Background



This preview shows how the CIELCh color 65, 64.367, 354.269 looks on a white background.

Color Contrast Check

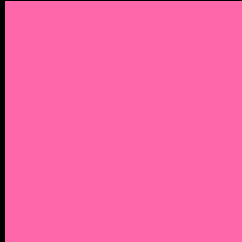
Large Text (above 18pt) WCAG AA × Fail

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 65, 64.367, 354.269 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 65, 64.367, 354.269

Background



This preview shows how black text looks on a background with the CIELCh color 65, 64.367, 354.269.



This preview shows how white text looks on a background with the CIELCh color 65, 64.367, 354.269.

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

65, 64.367, 354.269

Protanopia

65, 27.912, 285.665

Deuteranopia

65, 9.227, 338.860



Tritanopia
65, 57.173, 22.105

Trichromacy



Original Color
65, 64.367, 354.269

Protanomaly
63, 35.630, 321.824

Deuteranomaly
64, 30.967, 348.099

Tritanomaly
65, 57.825, 11.020

Monochromacy



Original Color
65, 64.367, 354.269

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 25.281, 348.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 64.367, 354.269 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(255, 103, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 171)  
}
```

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(255, 103, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 64.367, 354.269 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(255, 103, 171) }
```

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

```
.border{ border-color:rgb(255, 103, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 103, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 103, 171); box-shadow:4px 4px 4px 4px rgb(255, 103, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 64.367, 354.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 171) }
```

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

```
.background{ background-color: rgb(255,  
103, 171) }
```

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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