

Converting Colors

CIELCh(47, 64.340, 342.010)

Have a look what the booklet for
CIELCh(47, 64.340, 342.010)
contains.

CIELCh(47, 64.259, 341.935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 64.259, 341.935)

Conversions

Conversions Part 1

Format	Color
Hex	BE3992
RGB	190, 57, 146
RGB Percent	75%, 22%, 57%
CMY	0.2538, 0.7753, 0.4265
CMYK	0.00, 0.70, 0.23, 0.25
HSL	320°, 54%, 49%
HSV	320°, 70%, 75%
XYZ	27.9875, 16.0195, 28.9106
YIQ	106.9130, 50.6990, 55.8750

Conversions

Conversions Part 2

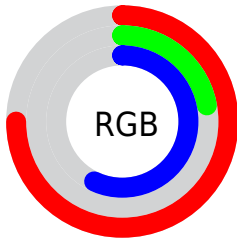
Format	Color
R_{YB}	190, 57, 146
Decimal	12466578
CIE _{Lab}	47.00, 61.09, -19.93
CIE _{LCh}	47, 64.259, 341.935
Yxy	16.0195, 0.3838, 0.2197
Android (android.graphics.Color)	4290656658 (0xFFBE3992)
YUV	106.9130, 19.2699, 72.8673
Hunter-Lab	40.0243, 54.7758, -14.8097

Details

The CIELCh color **47, 64.259, 341.935** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **69, 65.102, 147.807**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 64.332, 341.814**, and **29, 57.747, 343.299** is the 20% darker color. If you saturate the color by 10%, you get **45, 69.160, 343.394**, and if you desaturate by 10%, it is **50, 57.424, 340.702**.

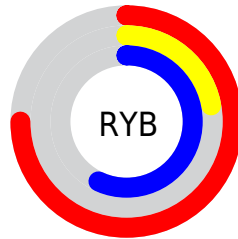
Distribution



Red (75%)

Green (22%)

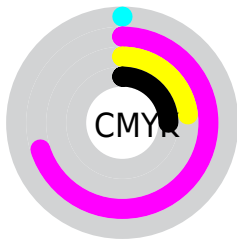
Blue (57%)



Red (75%)

Yellow (22%)

Blue (57%)

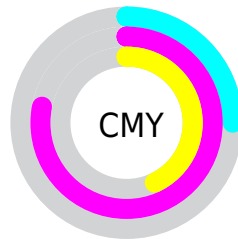


Cyan (0%)

Magenta (70%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (78%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 64.259, 341.935 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 47, 64.259, 341.935 by changing the saturation by 10% instead.


 47, 64.259,
341.935


 47, 64.259,
341.935


 100, 64.259,
341.935


 37, 64.259,
341.935

 67, 64.259,
341.935


 27, 64.259,
341.935

 77, 64.259,
341.935

 17, 64.259,
341.935

 87, 64.259,
341.935

 7, 64.259, 341.935

 97, 64.259,
341.935

 0, 64.259, 341.935

 47, 64.259,

 47, 64.259,

341.935

45, 69.160,
343.394

43, 71.841,
345.161

42, 72.634,
347.269

42, 72.641,
347.293

341.935

50, 57.424,
340.702

54, 49.125,
339.629

58, 39.846,
338.672

62, 30.008,
337.799

67, 19.932,
336.991

72, 9.847, 336.228

77, 0.102, 158.863

82, 9.825, 154.945

88, 19.276,

Harmonies

Complementary

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



47, 64.259, 341.935



69, 65.102, 147.807

Rectangle

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



47, 64.259, 341.935



47, 64.259, 31.935



47, 64.259, 161.935



47, 64.259, 211.935

Sweetspot

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



47, 64.256, 341.935



84, 26.059, 337.105



37, 80.071, 307.737



44, 17.797, 337.327



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



47, 64.256, 341.935



57, 86.355, 344.315



45, 56.862, 17.018



37, 5.602, 336.187



35, 63.507, 346.938



3, 15.669, 341.604

Inverse Universe

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



47, 64.256, 341.935



57, 86.355, 344.315



70, 41.315, 177.257



37, 5.602, 336.187



35, 63.507, 346.938



3, 15.669, 341.604

Previews

White Background



This preview shows how the CIELCh color 47, 64.259, 341.935 looks on a white background.

Color Contrast Check

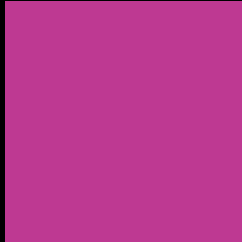
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 64.259, 341.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

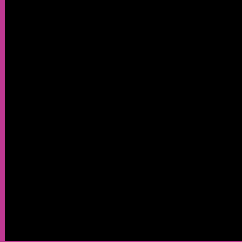
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 64.259, 341.935

Background



This preview shows how black text looks on a background with the CIELCh color 47, 64.259, 341.935.

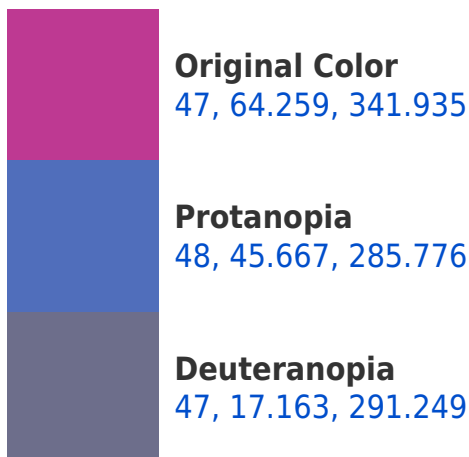


This preview shows how white text looks on a background with the CIELCh color 47, 64.259, 341.935.

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
47, 48.647, 23.859

Trichromacy



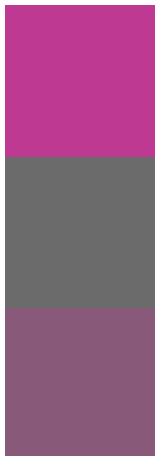
Original Color
47, 64.259, 341.935

Protanomaly
45, 49.170, 307.028

Deuteranomaly
46, 34.989, 324.601

Tritanomaly
47, 50.769, 5.316

Monochromacy



Original Color
47, 64.259, 341.935

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 26.833, 338.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 64.259, 341.935 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(190, 57, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 57, 146)  
}
```

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(190, 57, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 57, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 64.259, 341.935 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(190, 57, 146) }
```

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

```
.border{ border-color:rgb(190, 57, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 57, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 57, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 57, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 57,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 64.259, 341.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 57, 146) }
```

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

```
.background{ background-color: rgb(190, 57,  
146) }
```

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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