

Converting Colors

CIELCh(47, 85.945, 329.141)

Have a look what the booklet for
CIELCh(47, 85.945, 329.141)
contains.

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Color

CIELCh(47, 86.062, 329.158)

Conversions

Conversions Part 1

Format	Color
Hex	C023BB
RGB	192, 35, 187
RGB Percent	75%, 14%, 73%
CMY	0.2467, 0.8622, 0.2663
CMYK	0.00, 0.82, 0.03, 0.25
HSL	302°, 69%, 45%
HSV	302°, 82%, 75%
XYZ	31.3443, 16.0195, 48.5007
YIQ	99.2710, 44.7800, 80.5560

Conversions

Conversions Part 2

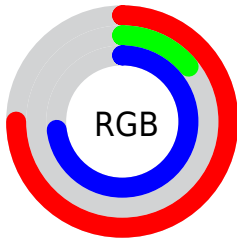
Format	Color
R_{YB}	192, 35, 187
Decimal	12592059
CIE _{Lab}	47.00, 73.89, -44.12
CIE _{LCh}	47, 86.062, 329.158
Yxy	16.0195, 0.3270, 0.1671
Android (android.graphics.Color)	4290782139 (0xFFC023BB)
YUV	99.2710, 43.2504, 81.3233
Hunter-Lab	40.0243, 69.7464, -43.8295

Details

The CIELCh color **47, 86.062, 329.158** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **68, 89.184, 137.542**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 86.381, 329.135**, and **31, 71.253, 328.523** is the 20% darker color. If you saturate the color by 10%, you get **46, 89.570, 329.391**, and if you desaturate by 10%, it is **49, 80.193, 328.856**.

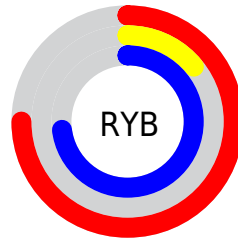
Distribution



Red (75%)

Green (14%)

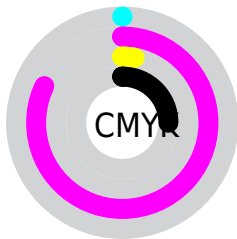
Blue (73%)



Red (75%)

Yellow (14%)

Blue (73%)

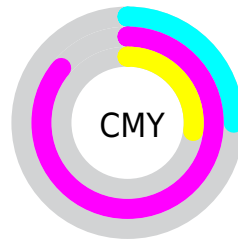


Cyan (0%)

Magenta (82%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (86%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 86.062, 329.158 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, 86.062, 329.158 by changing the saturation by 10% instead.

 47, 86.062,
329.158

 47, 86.062,
329.158

 100, 86.062,
329.158


 37, 86.062,
329.158

 67, 86.062,
329.158


 27, 86.062,
329.158

 77, 86.062,
329.158

 17, 86.062,
329.158

 87, 86.062,
329.158

 7, 86.062, 329.158

 97, 86.062,
329.158

 0, 86.062, 329.158

 47, 86.062,

 47, 86.062,

329.158

■ 46, 89.570,
329.391

■ 45, 91.077,
329.545

329.158

■ 49, 80.193,
328.856

■ 51, 72.155,
328.484

■ 55, 62.347,
328.048

■ 59, 51.253,
327.562

■ 63, 39.339,
327.039

■ 67, 26.993,
326.492

■ 72, 14.513,
325.931

■ 77, 2.105, 325.275

■ 82, 10.092,
144.882

Harmonies

Complementary

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



47, 86.062, 329.158



68, 89.184, 137.542

Rectangle

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



47, 86.062, 329.158



47, 86.062, 19.158



47, 86.062, 149.158



47, 86.062, 199.158

Sweetspot

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



47, 86.060, 329.158



83, 38.492, 326.696



28, 95.539, 304.242



42, 26.233, 326.889



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, 86.060, 329.158



59, 110.668, 329.532



44, 64.476, 356.917



38, 7.071, 325.797



38, 79.809, 329.527



4, 23.514, 327.415

Inverse Universe

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



47, 86.060, 329.158



59, 110.668, 329.532



69, 62.444, 153.895



38, 7.071, 325.797



38, 79.809, 329.527



4, 23.514, 327.415

Previews

White Background



This preview shows how the CIELCh color 47, 86.062, 329.158 looks on a white background.

Color Contrast Check

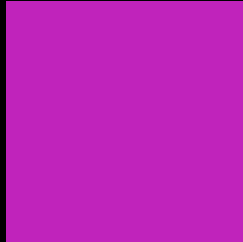
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 86.062, 329.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

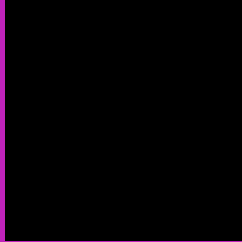
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 47, 86.062, 329.158

Background



This preview shows how black text looks on a background with the CIELCh color 47, 86.062, 329.158.

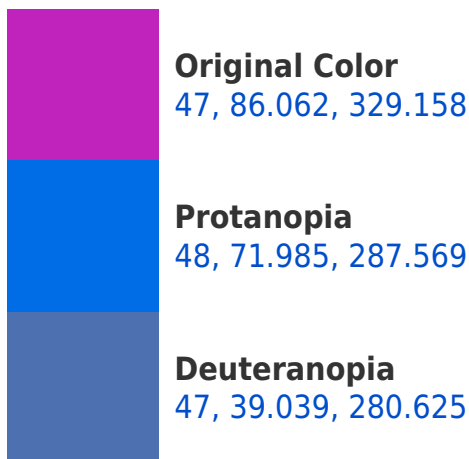


This preview shows how white text looks on a background with the CIELCh color 47, 86.062, 329.158.

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, 45.447, 22.949

Trichromacy



Original Color
47, 86.062, 329.158



Protanomaly
42, 78.763, 298.428



Deuteranomaly
44, 58.704, 307.627



Tritanomaly
46, 54.595, 353.405

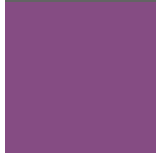
Monochromacy



Original Color
47, 86.062, 329.158



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 38.939, 327.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 86.062, 329.158 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(192, 35, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 35, 187)  
}
```

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(192, 35, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 35, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 86.062, 329.158 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(192, 35, 187) }
```

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

```
.border{ border-color:rgb(192, 35, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 35, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 35, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 35, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 35,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 86.062, 329.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 35, 187) }
```

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

```
.background{ background-color: rgb(192, 35,  
187) }
```

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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