

Converting Colors

CIELCh(46, 71.285, 356.155)

Have a look what the booklet for
CIELCh(46, 71.285, 356.155)
contains.

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Color

CIELCh(46, 71.117, 356.285)

Conversions

Conversions Part 1

Format	Color
Hex	CF1877
RGB	207, 24, 119
RGB Percent	81%, 9%, 47%
CMY	0.1879, 0.9052, 0.5331
CMYK	0.00, 0.88, 0.43, 0.19
HSL	329°, 79%, 45%
HSV	329°, 88%, 81%
XYZ	29.4160, 15.2687, 18.8689
YIQ	89.5470, 78.5730, 68.3410

Conversions

Conversions Part 2

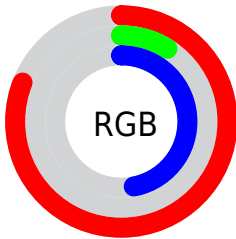
Format	Color
R_{YB}	207, 24, 119
Decimal	13572215
CIE _{Lab}	46.00, 70.97, -4.61
CIE _{LCh}	46, 71.117, 356.285
Yxy	15.2687, 0.4629, 0.2402
Android (android.graphics.Color)	4291762295 (0xFFCF1877)
YUV	89.5470, 14.5203, 103.0063
Hunter-Lab	39.0751, 65.9944, -1.2778

Details

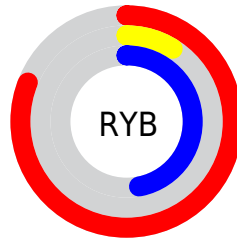
The CIELCh color **46, 71.117, 356.285** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **74, 72.265, 150.612**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 67.436, 353.165**, and **31, 56.145, 2.743** is the 20% darker color. If you saturate the color by 10%, you get **45, 72.459, 359.931**, and if you desaturate by 10%, it is **48, 67.830, 353.354**.

Distribution



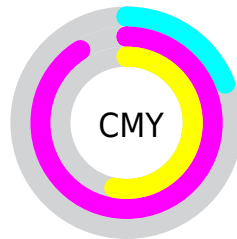
- Red (81%)
- Green (9%)
- Blue (47%)



- Red (81%)
- Yellow (9%)
- Blue (47%)



- Cyan (0%)
- Magenta (88%)
- Yellow (43%)
- Black (19%)



- Cyan (19%)
- Magenta (91%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 71.117, 356.285 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 46, 71.117, 356.285 by changing the saturation by 10% instead.

 46, 71.117,
356.285


 46, 71.117,
356.285


 100, 71.117,
356.285


 36, 71.117,
356.285

 66, 71.117,
356.285


 26, 71.117,
356.285

 76, 71.117,
356.285

 16, 71.117,
356.285

 86, 71.117,
356.285

 6, 71.117, 356.285

 96, 71.117,
356.285

 0, 71.117, 356.285

 46, 71.117,

 46, 71.117,

356.285

356.285

■ 45, 72.459,
359.931

■ 48, 67.830,
353.354

■ 45, 72.638, 0.568

■ 51, 62.432,
351.031

■ 54, 55.231,
349.163

■ 58, 46.715,
347.625

■ 63, 37.374,
346.325

■ 68, 27.622,
345.197

■ 73, 17.759,
344.197

■ 79, 7.988, 343.279

Harmonies

Complementary

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



46, 71.117, 356.285



74, 72.265, 150.612

Rectangle

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



46, 71.117, 356.285



46, 71.117, 46.285



46, 71.117, 176.285



46, 71.117, 226.285

Sweetspot

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



46, 71.113, 356.286



83, 29.990, 344.986



35, 101.665, 311.639



42, 20.356, 345.356



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 71.113, 356.286



55, 84.885, 1.120



44, 80.852, 35.178



41, 5.490, 343.377



36, 62.349, 359.913



5, 22.009, 352.720

Inverse Universe

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



46, 71.113, 356.286



55, 84.885, 1.120



75, 42.998, 191.907



41, 5.490, 343.377



36, 62.349, 359.913



5, 22.009, 352.720

Previews

White Background



This preview shows how the CIELCh color 46, 71.117, 356.285 looks on a white background.

Color Contrast Check

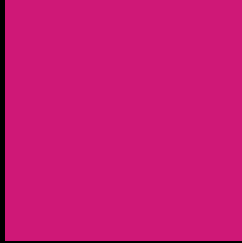
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 71.117, 356.285 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 46, 71.117, 356.285

Background



This preview shows how black text looks on a background with the CIELCh color 46, 71.117, 356.285.

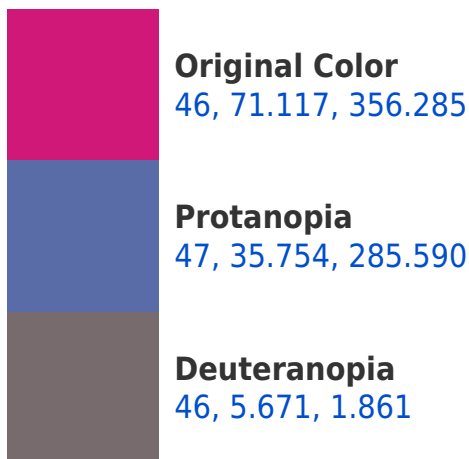


This preview shows how white text looks on a background with the CIELCh color 46, 71.117, 356.285.

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
46, 68.898, 31.237

Trichromacy



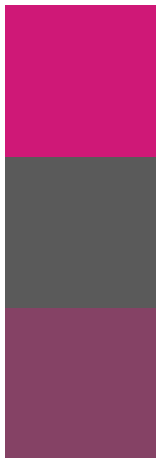
Original Color
46, 71.117, 356.285

Protanomaly
42, 46.714, 319.262

Deuteranomaly
43, 36.330, 349.987

Tritanomaly
46, 66.709, 18.120

Monochromacy



Original Color
46, 71.117, 356.285

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 33.982, 347.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 71.117, 356.285 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(207, 24, 119)` looks like.

```
.text, #text, p{  
    color:rgb(207, 24, 119)  
}
```

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(207, 24, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 24, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 71.117, 356.285 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(207, 24, 119) }
```

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

```
.border{ border-color:rgb(207, 24, 119) }
```

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

Here you see how a box with a 4 pixel rgb(207, 24, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 24, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 24, 119);  
box-shadow:4px 4px 4px 4px rgb(207, 24,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 71.117, 356.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 24, 119) }
```

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

```
.background{ background-color: rgb(207, 24,  
119) }
```

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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