

Converting Colors

CIELCh(47, 75.334, 6.595)

Have a look what the booklet for
CIELCh(47, 75.334, 6.595) contains.

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Color

CIELCh(47, 75.257, 6.755)

Conversions

Conversions Part 1

Format	Color
Hex	DB0164
RGB	219, 1, 100
RGB Percent	86%, 0%, 39%
CMY	0.1405, 0.9977, 0.6074
CMYK	0.00, 1.00, 0.54, 0.14
HSL	333°, 99%, 43%
HSV	333°, 100%, 86%
XYZ	31.5743, 16.0195, 13.5161
YIQ	77.4680, 98.1490, 77.0050

Conversions

Conversions Part 2

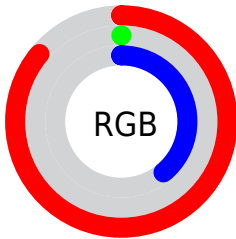
Format	Color
R_{YB}	219, 1, 100
Decimal	14352740
CIE _{Lab}	47.00, 74.73, 8.85
CIE _{LCh}	47, 75.257, 6.755
Yxy	16.0195, 0.5167, 0.2621
Android (android.graphics.Color)	4292542820 (0xFFDB0164)
YUV	77.4680, 11.1083, 124.1236
Hunter-Lab	40.0243, 70.7724, 7.9949

Details

The CIELCh color **47, 75.257, 6.755** 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 **77, 76.052, 151.278**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.772, 1.781**, and **33, 59.752, 16.281** is the 20% darker color. If you saturate the color by 10%, you get **47, 75.300, 6.878**, and if you desaturate by 10%, it is **48, 73.488, 2.348**.

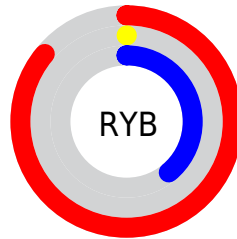
Distribution



Red (86%)

Green (0%)

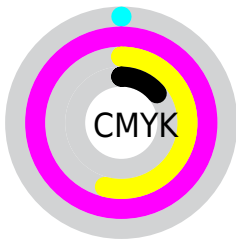
Blue (39%)



Red (86%)

Yellow (0%)

Blue (39%)

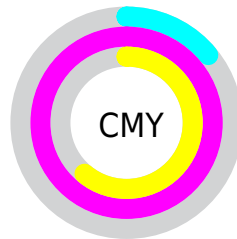


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 75.257, 6.755 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, 75.257, 6.755 by changing the saturation by 10% instead.

 47, 75.257, 6.755  47, 75.257, 6.755

 100, 75.257, 6.755  37, 75.257, 6.755

 67, 75.257, 6.755  27, 75.257, 6.755


 77, 75.257, 6.755  17, 75.257, 6.755

 87, 75.257, 6.755  7, 75.257, 6.755

 97, 75.257, 6.755  0, 75.257, 6.755

 47, 75.257, 6.755  47, 75.257, 6.755

 47, 75.300, 6.878  48, 73.488, 2.348

 50, 70.065,
358.737

■ 53, 64.584,
355.892

■ 56, 57.286,
353.638

■ 61, 48.641,
351.819

■ 65, 39.154,
350.314

■ 71, 29.255,
349.037

■ 76, 19.262,
347.926

■ 82, 9.385, 346.928

Harmonies

Complementary

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



47, 75.257, 6.755



77, 76.052, 151.278

Rectangle

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



47, 75.257, 6.755



47, 75.257, 56.755



47, 75.257, 186.755



47, 75.257, 236.755

Sweetspot

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



47, 75.253, 6.757



81, 33.386, 349.099



36, 110.515, 312.572



40, 22.810, 349.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 75.253, 6.757



55, 84.430, 7.333



46, 92.695, 40.216



43, 5.475, 346.899



37, 63.228, 6.043



6, 24.668, 357.605

Inverse Universe

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



47, 75.253, 6.757



55, 84.430, 7.333



77, 42.666, 201.829



43, 5.475, 346.899



37, 63.228, 6.043



6, 24.668, 357.605

Previews

White Background



This preview shows how the CIELCh color 47, 75.257, 6.755 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, 75.257, 6.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

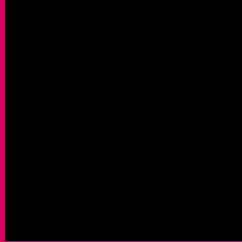
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 75.257, 6.755

Background



This preview shows how black text looks on a background with the CIELCh color 47, 75.257, 6.755.

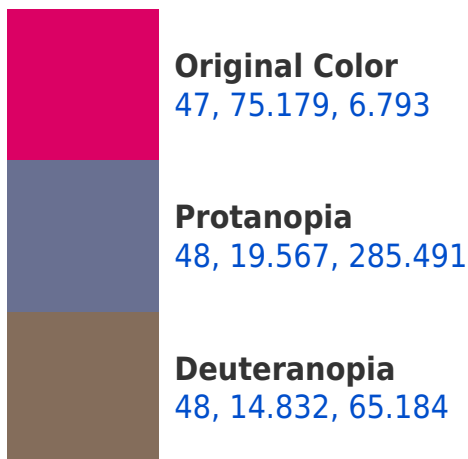


This preview shows how white text looks on a background with the CIELCh color 47, 75.257, 6.755.

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](#).

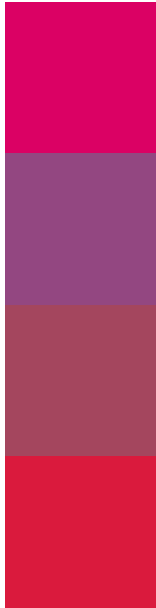
Dichromacy





Tritanopia
48, 80.063, 34.887

Trichromacy



Original Color
47, 75.179, 6.793

Protanomaly
42, 43.798, 335.403

Deuteranomaly
43, 41.538, 7.482

Tritanomaly
47, 76.915, 25.243

Monochromacy



Original Color
47, 75.179, 6.793

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 38.542, 353.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 75.257, 6.755 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(219, 1, 100)` looks like.

```
.text, #text, p{  
    color:rgb(219, 1, 100)  
}
```

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(219, 1, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 1, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 75.257, 6.755 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(219, 1, 100) }
```

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

```
.border{ border-color:rgb(219, 1, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 1, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 1, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 1, 100);  
box-shadow:4px 4px 4px 4px rgb(219, 1,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 75.257, 6.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 1, 100) }
```

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

```
.background{ background-color: rgb(219, 1,  
100) }
```

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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