

Converting Colors

CIELCh(47, 65.303, 16.537)

Have a look what the booklet for
CIELCh(47, 65.303, 16.537) contains.

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Color

CIELCh(47, 65.331, 16.391)

Conversions

Conversions Part 1

Format	Color
Hex	CF3054
RGB	207, 48, 84
RGB Percent	81%, 19%, 33%
CMY	0.1882, 0.8117, 0.6706
CMYK	0.00, 0.77, 0.59, 0.19
HSL	346°, 62%, 50%
HSV	346°, 77%, 81%
XYZ	28.3893, 16.0195, 9.9832
YIQ	99.6450, 83.2080, 44.9040

Conversions

Conversions Part 2

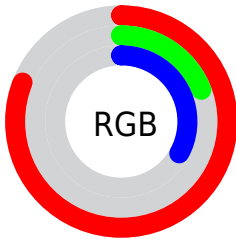
Format	Color
RYB	207, 48, 84
Decimal	13578324
CIELab	47.00, 62.68, 18.44
CIElCh	47, 65.331, 16.391
Yxy	16.0195, 0.5219, 0.2945
Android (android.graphics.Color)	4291768404 (0xFFCF3054)
YUV	99.6450, -7.7130, 94.1503
Hunter-Lab	40.0243, 56.5679, 13.2284

Details

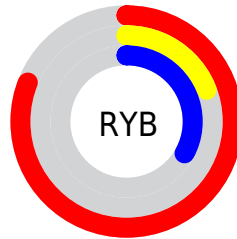
The CIELCh color **47, 65.331, 16.391** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **75, 48.708, 172.321**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 59.913, 14.550**, and **30, 58.234, 22.247** is the 20% darker color. If you saturate the color by 10%, you get **45, 71.547, 20.932**, and if you desaturate by 10%, it is **50, 57.976, 12.719**.

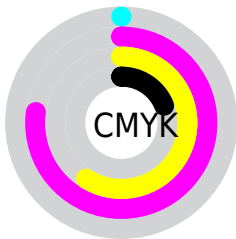
Distribution



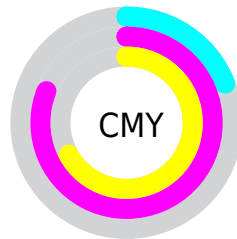
- Red (81%)
- Green (19%)
- Blue (33%)



- Red (81%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (77%)
- Yellow (59%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 65.331, 16.391 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, 65.331, 16.391 by changing the saturation by 10% instead.

 47, 65.331, 16.391

 47, 65.331, 16.391

 100, 65.331,
16.391

 37, 65.331, 16.391

 67, 65.331, 16.391

 27, 65.331, 16.391

 77, 65.331, 16.391

 17, 65.331, 16.391

 87, 65.331, 16.391

 7, 65.331, 16.391

 97, 65.331, 16.391

 0, 65.331, 16.391

 47, 65.331, 16.391

 47, 65.331, 16.391

 45, 71.547, 20.932

 50, 57.976, 12.719

 44, 76.737, 26.219

 54, 49.689, 9.811

43, 78.372, 27.878

58, 40.821, 7.511

63, 31.730, 5.669

68, 22.700, 4.166

74, 13.922, 2.909

79, 5.503, 1.801

85, 2.510, 181.195

91, 10.108,
180.251

Harmonies

Complementary

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



47, 65.331, 16.391



75, 48.708, 172.321

Rectangle

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



47, 65.331, 16.391



47, 65.331, 66.391



47, 65.331, 196.391



47, 65.331, 246.391

Sweetspot

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



47, 65.328, 16.393



85, 22.900, 3.699



46, 90.390, 320.305



43, 15.971, 4.184



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, 65.328, 16.393



54, 87.667, 24.210



53, 63.356, 46.350



41, 4.655, 2.086



35, 66.718, 26.982



4, 20.273, 9.011

Inverse Universe

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



47, 65.328, 16.393



54, 87.667, 24.210



63, 35.422, 240.156



41, 4.655, 2.086



35, 66.718, 26.982



4, 20.273, 9.011

Previews

White Background



This preview shows how the CIELCh color 47, 65.331, 16.391 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, 65.331, 16.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

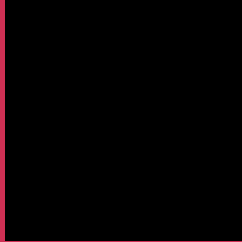
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 65.331, 16.391

Background



This preview shows how black text looks on a background with the CIELCh color 47, 65.331, 16.391.



This preview shows how white text looks on a background with the CIELCh color 47, 65.331, 16.391.

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

47, 65.331, 16.391

Protanopia

47, 1.014, 343.521

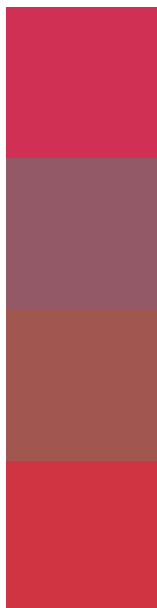
Deuteranopia

47, 22.332, 73.651



Tritanopia
47, 68.680, 30.876

Trichromacy



Original Color
47, 65.331, 16.391

Protanomaly
45, 26.197, 6.470

Deuteranomaly
45, 35.050, 30.769

Tritanomaly
47, 66.821, 25.954

Monochromacy



Original Color
47, 65.331, 16.391

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 26.122, 6.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 65.331, 16.391 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, 48, 84)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 84)  
}
```

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, 48, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 65.331, 16.391 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, 48, 84) }
```

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

```
.border{ border-color:rgb(207, 48, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 48, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 84);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 65.331, 16.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 84) }
```

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

```
.background{ background-color: rgb(207, 48,  
84) }
```

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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