

Converting Colors

CIELCh(47, 68.449, 25.902)

Have a look what the booklet for
CIELCh(47, 68.449, 25.902) contains.

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Color

CIELCh(47, 68.474, 25.942)

Conversions

Conversions Part 1

Format	Color
Hex	D03141
RGB	208, 49, 65
RGB Percent	82%, 19%, 25%
CMY	0.1838, 0.8073, 0.7447
CMYK	0.00, 0.76, 0.69, 0.18
HSL	354°, 63%, 50%
HSV	354°, 76%, 82%
XYZ	28.1096, 16.0195, 6.6257
YIQ	98.3650, 89.6280, 38.6840

Conversions

Conversions Part 2

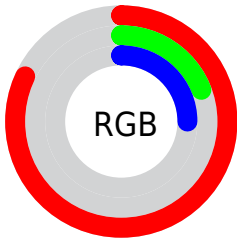
Format	Color
RYB	208, 49, 65
Decimal	13644097
CIELab	47.00, 61.57, 29.95
CIElCh	47, 68.474, 25.942
Yxy	16.0195, 0.5538, 0.3156
Android (android.graphics.Color)	4291834177 (0xFFD03141)
YUV	98.3650, -16.4489, 96.1499
Hunter-Lab	40.0243, 55.3203, 18.2021

Details

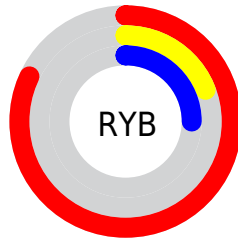
The CIELCh color **47, 68.474, 25.942** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **76, 43.235, 184.743**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 61.712, 25.035**, and **30, 62.435, 31.405** is the 20% darker color. If you saturate the color by 10%, you get **45, 76.470, 30.274**, and if you desaturate by 10%, it is **50, 59.635, 22.270**.

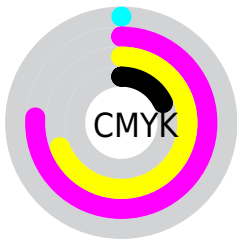
Distribution



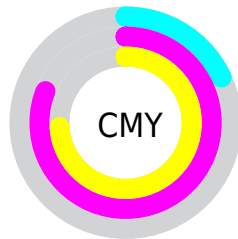
- Red (82%)
- Green (19%)
- Blue (25%)



- Red (82%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (69%)
- Black (18%)



- Cyan (18%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 68.474, 25.942 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, 68.474, 25.942 by changing the saturation by 10% instead.

■ 47, 68.474, 25.942

■ 47, 68.474, 25.942

■ 100, 68.474,
25.942

■ 37, 68.474, 25.942

■ 67, 68.474, 25.942

■ 27, 68.474, 25.942

■ 77, 68.474, 25.942

■ 17, 68.474, 25.942

■ 87, 68.474, 25.942

■ 7, 68.474, 25.942

■ 97, 68.474, 25.942

■ 0, 68.474, 25.942

■ 47, 68.474, 25.942

■ 47, 68.474, 25.942

■ 45, 76.470, 30.274

■ 50, 59.635, 22.270

■ 44, 83.270, 34.806

■ 54, 50.255, 19.318

43, 85.433, 36.190

58, 40.659, 16.996

63, 31.152, 15.171

69, 21.959, 13.723

74, 13.216, 12.549

80, 4.985, 11.535

86, 2.725, 191.064

92, 9.935, 190.256

Harmonies

Complementary

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



47, 68.474, 25.942



76, 43.235, 184.743

Rectangle

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



47, 68.474, 25.942



47, 68.474, 75.942



47, 68.474, 205.942



47, 68.474, 255.942

Sweetspot

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



47, 68.471, 25.944



85, 22.358, 13.332



49, 90.323, 324.060



43, 15.648, 13.793



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, 68.471, 25.944



54, 94.625, 33.342



57, 60.231, 55.294



41, 4.491, 11.838



35, 72.363, 35.508



4, 20.057, 14.797

Inverse Universe

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



47, 68.471, 25.944



54, 94.625, 33.342



58, 39.999, 259.178



41, 4.491, 11.838



35, 72.363, 35.508



4, 20.057, 14.797

Previews

White Background



This preview shows how the CIELCh color 47, 68.474, 25.942 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, 68.474, 25.942 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, 68.474, 25.942

Background



This preview shows how black text looks on a background with the CIELCh color 47, 68.474, 25.942.



This preview shows how white text looks on a background with the CIELCh color 47, 68.474, 25.942.

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, 68.474, 25.942

Protanopia

47, 13.853, 95.458

Deuteranopia

47, 33.475, 79.561



Tritanopia
47, 70.874, 31.522

Trichromacy



Original Color
47, 68.474, 25.942

Protanomaly
45, 29.339, 33.424

Deuteranomaly
45, 42.128, 45.230

Tritanomaly
47, 70.077, 29.657

Monochromacy



Original Color
47, 68.474, 25.942

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 25.966, 15.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 68.474, 25.942 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(208, 49, 65)` looks like.

```
.text, #text, p{  
    color:rgb(208, 49, 65)  
}
```

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(208, 49, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 49, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 68.474, 25.942 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(208, 49, 65) }
```

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

```
.border{ border-color:rgb(208, 49, 65) }
```

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

Here you see how a box with a 4 pixel rgb(208, 49, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 49, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 49, 65);  
box-shadow:4px 4px 4px 4px rgb(208, 49,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 68.474, 25.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 49, 65) }
```

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

```
.background{ background-color: rgb(208, 49,  
65) }
```

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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