

Converting Colors

CIELCh(44, 84.449, 34.057)

Have a look what the booklet for
CIELCh(44, 84.449, 34.057) contains.

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Color

CIELCh(44, 84.381, 34.196)

Conversions

Conversions Part 1

Format	Color
Hex	D3001D
RGB	211, 0, 29
RGB Percent	83%, 0%, 11%
CMY	0.1744, 1.0000, 0.8875
CMYK	0.00, 1.00, 0.86, 0.17
HSL	352°, 100%, 41%
HSV	352°, 100%, 83%
XYZ	26.9335, 13.8382, 2.3933
YIQ	66.3950, 116.4470, 53.7510

Conversions

Conversions Part 2

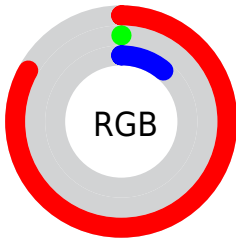
Format	Color
RYB	211, 0, 29
Decimal	13828125
CIELab	44.00, 69.79, 47.42
CIElCh	44, 84.381, 34.196
Yxy	13.8382, 0.6240, 0.3206
Android (android.graphics.Color)	4292018205 (0xFFD3001D)
YUV	66.3950, -18.4357, 126.8186
Hunter-Lab	37.1997, 64.1388, 22.2254

Details

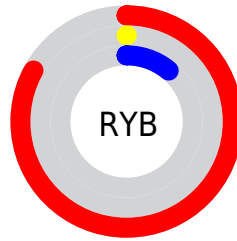
The CIELCh color **44, 84.381, 34.196** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **76, 49.766, 177.682**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 75.830, 33.867**, and **30, 68.310, 39.289** is the 20% darker color. If you saturate the color by 10%, you get **44, 84.300, 34.261**, and if you desaturate by 10%, it is **45, 78.069, 29.534**.

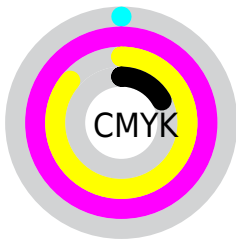
Distribution



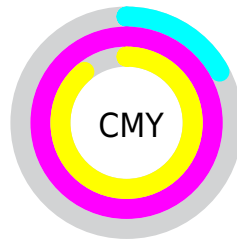
- Red (83%)
- Green (0%)
- Blue (11%)



- Red (83%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 84.381, 34.196 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 44, 84.381, 34.196 by changing the saturation by 10% instead.

 44, 84.381, 34.196

 44, 84.381, 34.196

 100, 84.381,
34.196

 34, 84.381, 34.196

 64, 84.381, 34.196

 24, 84.381, 34.196

 74, 84.381, 34.196

 14, 84.381, 34.196

 84, 84.381, 34.196

 4, 84.381, 34.196

 94, 84.381, 34.196

 0, 84.381, 34.196

 44, 84.381, 34.196

 44, 84.381, 34.196

 44, 84.300, 34.261

 45, 78.069, 29.534

 47, 70.838, 24.854

■ 49, 62.653, 20.850

■ 53, 53.716, 17.616

■ 57, 44.334, 15.062

■ 62, 34.844, 13.049

■ 67, 25.521, 11.446

■ 73, 16.550, 10.145

■ 79, 8.032, 9.051

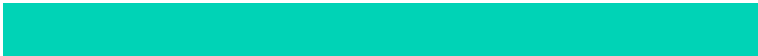
Harmonies

Complementary

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



44, 84.381, 34.196



76, 49.766, 177.682

Rectangle

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



44, 84.381, 34.196



44, 84.381, 84.196



44, 84.381, 214.196



44, 84.381, 264.196

Sweetspot

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



44, 84.300, 34.261



80, 29.840, 11.493



45, 101.254, 322.449



40, 20.576, 12.139



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 84.300, 34.261



53, 98.008, 34.815



50, 79.868, 49.734



41, 4.524, 8.989



35, 70.737, 33.445



4, 20.099, 13.134

Inverse Universe

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



44, 84.300, 34.261



53, 98.008, 34.815



55, 46.501, 265.336



41, 4.524, 8.989



35, 70.737, 33.445



4, 20.099, 13.134

Previews

White Background



This preview shows how the CIELCh color 44, 84.381, 34.196 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 44, 84.381, 34.196 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 44, 84.381, 34.196

Background



This preview shows how black text looks on a background with the CIELCh color 44, 84.381, 34.196.



This preview shows how white text looks on a background with the CIELCh color 44, 84.381, 34.196.

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

44, 84.381, 34.196

Protanopia

45, 34.284, 96.408

Deuteranopia

45, 52.156, 84.336



Tritanopia
44, 88.679, 40.928

Trichromacy



Original Color
44, 84.381, 34.196

Protanomaly
40, 46.721, 44.494

Deuteranomaly
40, 61.364, 51.367

Tritanomaly
44, 87.648, 38.928

Monochromacy



Original Color
44, 84.381, 34.196

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 36.439, 18.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 84.381, 34.196 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(211, 0, 29)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 29)  
}
```

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(211, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 84.381, 34.196 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(211, 0, 29) }
```

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

```
.border{ border-color:rgb(211, 0, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 29);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 84.381, 34.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 29) }
```

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

```
.background{ background-color: rgb(211, 0,  
29) }
```

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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