

Converting Colors

CIELCh(44, 77.899, 26.097)

Have a look what the booklet for
CIELCh(44, 77.899, 26.097) contains.

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Color

CIELCh(44, 77.866, 26.087)

Conversions

Conversions Part 1

Format	Color
Hex	D10134
RGB	209, 1, 52
RGB Percent	82%, 0%, 20%
CMY	0.1798, 0.9980, 0.7956
CMYK	0.00, 1.00, 0.75, 0.18
HSL	345°, 100%, 41%
HSV	345°, 100%, 82%
XYZ	26.9681, 13.8382, 4.5117
YIQ	69.0060, 107.5970, 59.9570

Conversions

Conversions Part 2

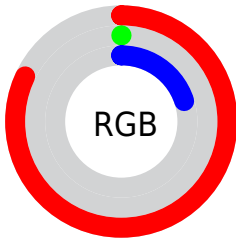
Format	Color
RYB	209, 1, 52
Decimal	13697332
CIELab	44.00, 69.93, 34.24
CIElCh	44, 77.866, 26.087
Yxy	13.8382, 0.5951, 0.3054
Android (android.graphics.Color)	4291887412 (0xFFD10134)
YUV	69.0060, -8.3840, 122.7747
Hunter-Lab	37.1997, 64.3046, 18.8490

Details

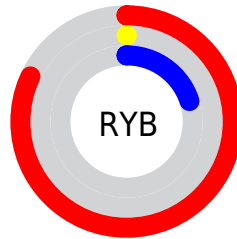
The CIELCh color **44, 77.866, 26.087** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **75, 56.976, 166.185**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 70.749, 24.889**, and **30, 65.575, 36.438** is the 20% darker color. If you saturate the color by 10%, you get **44, 77.984, 26.216**, and if you desaturate by 10%, it is **45, 73.085, 20.714**.

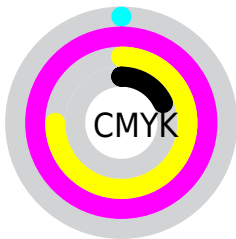
Distribution



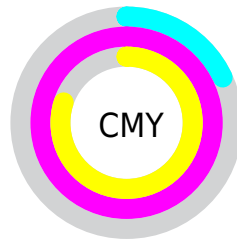
- Red (82%)
- Green (0%)
- Blue (20%)



- Red (82%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 77.866, 26.087 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, 77.866, 26.087 by changing the saturation by 10% instead.

 44, 77.866, 26.087

 44, 77.866, 26.087

 100, 77.866,
26.087

 34, 77.866, 26.087

 64, 77.866, 26.087

 24, 77.866, 26.087

 74, 77.866, 26.087

 14, 77.866, 26.087

 84, 77.866, 26.087

 4, 77.866, 26.087

 94, 77.866, 26.087

 0, 77.866, 26.087

 44, 77.866, 26.087

 44, 77.866, 26.087

 44, 77.984, 26.216

 45, 73.085, 20.714

 47, 67.454, 15.946

■ 50, 60.602, 12.065

■ 53, 52.653, 8.989

■ 57, 43.941, 6.559

■ 62, 34.851, 4.617

■ 67, 25.707, 3.036

■ 73, 16.738, 1.720

■ 78, 8.081, 0.583

Harmonies

Complementary

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



44, 77.866, 26.087



75, 56.976, 166.185

Rectangle

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



44, 77.866, 26.087



44, 77.866, 76.087



44, 77.866, 206.087



44, 77.866, 256.087

Sweetspot

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



44, 77.863, 26.089



80, 30.472, 3.121



41, 102.186, 318.934



40, 20.931, 3.765



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, 77.863, 26.089



54, 91.034, 26.924



47, 83.617, 45.007



41, 4.695, 0.545



35, 65.888, 25.266



4, 20.327, 8.065

Inverse Universe

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



44, 77.863, 26.089



54, 91.034, 26.924



61, 39.454, 246.565



41, 4.695, 0.545



35, 65.888, 25.266



4, 20.327, 8.065

Previews

White Background



This preview shows how the CIELCh color 44, 77.866, 26.087 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, 77.866, 26.087 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, 77.866, 26.087

Background



This preview shows how black text looks on a background with the CIELCh color 44, 77.866, 26.087.



This preview shows how white text looks on a background with the CIELCh color 44, 77.866, 26.087.

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, 77.800, 26.140

Protanopia

45, 16.391, 95.145

Deuteranopia

45, 38.598, 81.630



Tritanopia
44, 85.355, 38.904

Trichromacy



Original Color
44, 77.800, 26.140

Protanomaly
40, 37.650, 24.909

Deuteranomaly
40, 50.210, 39.697

Tritanomaly
44, 82.715, 35.051

Monochromacy



Original Color
44, 77.800, 26.140

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 35.434, 8.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 77.866, 26.087 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(209, 1, 52)` looks like.

```
.text, #text, p{  
    color:rgb(209, 1, 52)  
}
```

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(209, 1, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 1, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 77.866, 26.087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

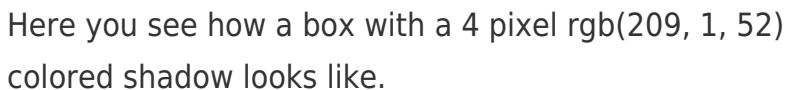
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 1, 52) }
```

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

```
.border{ border-color:rgb(209, 1, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 1, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 1, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 1, 52);  
box-shadow:4px 4px 4px 4px rgb(209, 1, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 77.866, 26.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 1, 52) }
```

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

```
.background{ background-color: rgb(209, 1,  
52) }
```

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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