

Converting Colors

CIELCh(29, 65.248, 36.884)

Have a look what the booklet for
CIELCh(29, 65.248, 36.884) contains.

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Color

CIELCh(29, 65.278, 36.907)

Conversions

Conversions Part 1

Format	Color
Hex	8F0008
RGB	143, 0, 8
RGB Percent	56%, 0%, 3%
CMY	0.4398, 1.0000, 0.9691
CMYK	0.00, 1.00, 0.94, 0.44
HSL	357°, 100%, 28%
HSV	357°, 100%, 56%
XYZ	11.3421, 5.8380, 0.7550
YIQ	43.6690, 82.6600, 32.8040

Conversions

Conversions Part 2

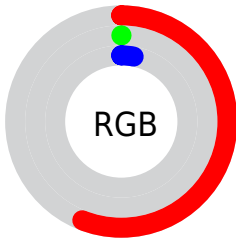
Format	Color
RYB	143, 0, 8
Decimal	9371656
CIELab	29.00, 52.20, 39.20
CIElCh	29, 65.278, 36.907
Yxy	5.8380, 0.6324, 0.3255
Android (android.graphics.Color)	4287561736 (0xFF8F0008)
YUV	43.6690, -17.5848, 87.1133
Hunter-Lab	24.1619, 41.5083, 15.0606

Details

The CIELCh color **29, 65.278, 36.907** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **53, 34.067, 188.446**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **49, 65.428, 36.729**, and **15, 42.140, 32.782** is the 20% darker color. If you saturate the color by 10%, you get **29, 65.252, 36.937**, and if you desaturate by 10%, it is **30, 60.153, 33.619**.

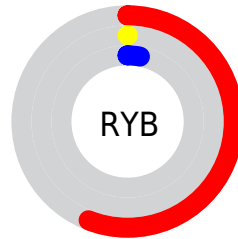
Distribution



Red (56%)

Green (0%)

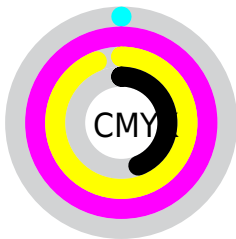
Blue (3%)



Red (56%)

Yellow (0%)

Blue (3%)

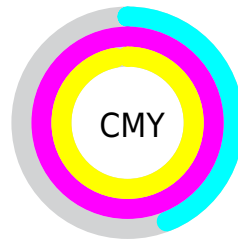


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 65.278, 36.907 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 29, 65.278, 36.907 by changing the saturation by 10% instead.

 29, 65.278, 36.907

 29, 65.278, 36.907

 100, 65.278,
36.907

 19, 65.278, 36.907

 49, 65.278, 36.907

 9, 65.278, 36.907

 59, 65.278, 36.907

 0, 65.278, 36.907

 69, 65.278, 36.907

 79, 65.278, 36.907

 89, 65.278, 36.907

 99, 65.278, 36.907

 29, 65.278, 36.907

 29, 65.278, 36.907

29, 65.252, 36.937

30, 60.153, 33.619

31, 53.989, 29.635

33, 47.164, 26.082

36, 39.979, 23.157

39, 32.680, 20.836

43, 25.480, 19.015

47, 18.540, 17.582

51, 11.957, 16.440

55, 5.775, 15.497

Harmonies

Complementary

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



29, 65.278, 36.907



53, 34.067, 188.446

Rectangle

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



29, 65.278, 36.907



29, 65.278, 86.907



29, 65.278, 216.907



29, 65.278, 266.907

Sweetspot

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



29, 65.252, 36.937



60, 23.057, 17.664



32, 75.346, 325.679



29, 16.043, 18.174



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



29, 65.252, 36.937



39, 80.229, 37.856



36, 56.788, 56.278



28, 3.251, 15.424



27, 62.399, 36.584



0, 2.130, 14.829

Inverse Universe

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



29, 65.252, 36.937



39, 80.229, 37.856



34, 40.229, 275.603



28, 3.251, 15.424



27, 62.399, 36.584



0, 2.130, 14.829

Previews

White Background



This preview shows how the CIELCh color 29, 65.278, 36.907 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 29, 65.278, 36.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29, 65.278, 36.907

Background



This preview shows how black text looks on a background with the CIELCh color 29, 65.278, 36.907.



This preview shows how white text looks on a background with the CIELCh color 29, 65.278, 36.907.

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

29, 65.278, 36.907

Protanopia

30, 30.875, 95.629

Deuteranopia

30, 39.665, 84.715



Tritanopia
30, 65.532, 40.691

Trichromacy



Original Color
29, 65.278, 36.907

Protanomaly
26, 38.193, 51.985

Deuteranomaly
27, 46.041, 52.803

Tritanomaly
29, 65.283, 39.234

Monochromacy



Original Color
29, 65.278, 36.907

Achromatopsia
18, 0.003, 296.813

Achromatomaly
19, 26.876, 23.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 65.278, 36.907 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(143, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 8)  
}
```

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(143, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 65.278, 36.907 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(143, 0, 8) }
```

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

```
.border{ border-color:rgb(143, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(143, 0, 8); box-shadow:4px  
4px 4px 4px rgb(143, 0, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 65.278, 36.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 8) }
```

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

```
.background{ background-color: rgb(143, 0,  
8) }
```

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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