

Converting Colors

CIELCh(30, 56.408, 24.911)

Have a look what the booklet for
CIELCh(30, 56.408, 24.911) contains.

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Color

CIELCh(30, 56.360, 24.941)

Conversions

Conversions Part 1

Format	Color
Hex	8F0C25
RGB	143, 12, 37
RGB Percent	56%, 5%, 15%
CMY	0.4392, 0.9529, 0.8549
CMYK	0.00, 0.92, 0.74, 0.44
HSL	349°, 84%, 30%
HSV	349°, 92%, 56%
XYZ	11.7927, 6.2359, 2.3323
YIQ	54.0190, 70.0510, 35.5470

Conversions

Conversions Part 2

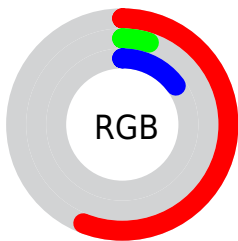
Format	Color
R_{YB}	143, 12, 37
Decimal	9374757
CIE _{Lab}	30.00, 51.10, 23.77
CIE _{LCh}	30, 56.360, 24.941
Yxy	6.2359, 0.5792, 0.3063
Android (android.graphics.Color)	4287564837 (0xFF8F0C25)
YUV	54.0190, -8.3904, 78.0363
Hunter-Lab	24.9718, 40.5942, 11.9427

Details

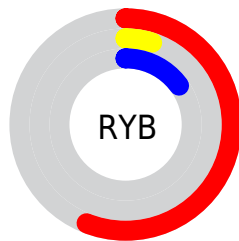
The CIELCh color **30, 56.360, 24.941** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **53, 38.361, 173.567**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 56.322, 24.501**, and **15, 43.037, 33.200** is the 20% darker color. If you saturate the color by 10%, you get **29, 60.131, 28.916**, and if you desaturate by 10%, it is **31, 51.581, 20.326**.

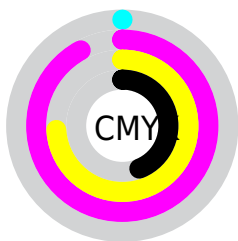
Distribution



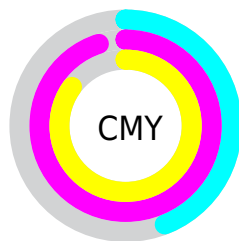
- Red (56%)
- Green (5%)
- Blue (15%)



- Red (56%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (92%)
- Yellow (74%)
- Black (44%)



- Cyan (44%)
- Magenta (95%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 56.360, 24.941 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 30, 56.360, 24.941 by changing the saturation by 10% instead.

 30, 56.360, 24.941

 30, 56.360, 24.941

 100, 56.360,
24.941

 20, 56.360, 24.941

 50, 56.360, 24.941

 10, 56.360, 24.941

 60, 56.360, 24.941

 0, 56.360, 24.941

 70, 56.360, 24.941

 80, 56.360, 24.941

 90, 56.360, 24.941

 30, 56.360, 24.941

 30, 56.360, 24.941

 29, 60.131, 28.916

 31, 51.581, 20.326

■ 33, 46.060, 16.480

■ 36, 39.894, 13.391

■ 39, 33.303, 10.937

■ 43, 26.532, 8.977

■ 46, 19.790, 7.391

■ 50, 13.226, 6.081

■ 55, 6.925, 4.965

■ 59, 0.931, 3.668

Harmonies

Complementary

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



30, 56.360, 24.941



53, 38.361, 173.567

Rectangle

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



30, 56.360, 24.941



30, 56.360, 74.941



30, 56.360, 204.941



30, 56.360, 254.941

Sweetspot

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



30, 56.358, 24.943



62, 20.790, 6.835



29, 74.088, 321.126



31, 14.212, 7.248



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



30, 56.358, 24.943



39, 73.828, 30.171



35, 55.785, 48.279



28, 3.346, 4.712



27, 57.562, 28.601



0, 2.209, 3.956

Inverse Universe

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



30, 56.358, 24.943



39, 73.828, 30.171



41, 30.030, 251.213



28, 3.346, 4.712



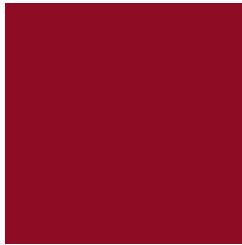
27, 57.562, 28.601



0, 2.209, 3.956

Previews

White Background



This preview shows how the CIELCh color 30, 56.360, 24.941 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 30, 56.360, 24.941 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 30, 56.360, 24.941

Background



This preview shows how black text looks on a background with the CIELCh color 30, 56.360, 24.941.



This preview shows how white text looks on a background with the CIELCh color 30, 56.360, 24.941.

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

30, 56.360, 24.941

Protanopia

31, 11.621, 96.190

Deuteranopia

31, 27.832, 82.138



Tritanopia
30, 61.537, 36.907

Trichromacy



Original Color
30, 56.360, 24.941

Protanomaly
28, 25.605, 28.637

Deuteranomaly
28, 34.811, 42.394

Tritanomaly
30, 59.519, 33.141

Monochromacy



Original Color
30, 56.360, 24.941

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 23.216, 10.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 56.360, 24.941 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, 12, 37)` looks like.

```
.text, #text, p{  
    color:rgb(143, 12, 37)  
}
```

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, 12, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 12, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 56.360, 24.941 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, 12, 37) }
```

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

```
.border{ border-color:rgb(143, 12, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 12, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 12, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 12, 37);  
box-shadow:4px 4px 4px 4px rgb(143, 12,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 56.360, 24.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 12, 37) }
```

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

```
.background{ background-color: rgb(143, 12,  
37) }
```

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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