

Converting Colors

CIELCh(29, 57.406, 24.837)

Have a look what the booklet for
CIELCh(29, 57.406, 24.837) contains.

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Color

CIELCh(29, 57.464, 25.103)

Conversions

Conversions Part 1

Format	Color
Hex	8D0222
RGB	141, 2, 34
RGB Percent	55%, 1%, 13%
CMY	0.4466, 0.9912, 0.8663
CMYK	0.00, 0.98, 0.76, 0.45
HSL	346°, 97%, 28%
HSV	346°, 98%, 55%
XYZ	11.3199, 5.8380, 2.0501
YIQ	47.2090, 72.5720, 39.4200

Conversions

Conversions Part 2

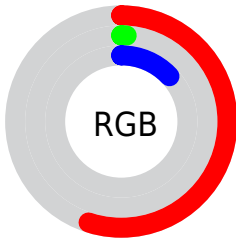
Format	Color
R_{YB}	141, 2, 34
Decimal	9241122
CIE _{Lab}	29.00, 52.04, 24.38
CIE _{LCh}	29, 57.464, 25.103
Yxy	5.8380, 0.5893, 0.3039
Android (android.graphics.Color)	4287431202 (0xFF8D0222)
YUV	47.2090, -6.5120, 82.2547
Hunter-Lab	24.1619, 41.3443, 11.8826

Details

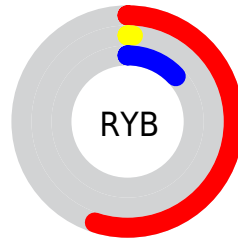
The CIELCh color **29, 57.464, 25.103** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **52, 40.992, 168.722**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 57.427, 25.042**, and **14, 41.690, 32.564** is the 20% darker color. If you saturate the color by 10%, you get **29, 58.137, 25.828**, and if you desaturate by 10%, it is **30, 53.441, 20.229**.

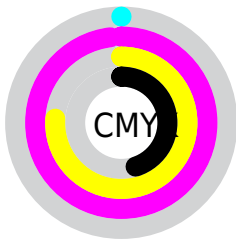
Distribution



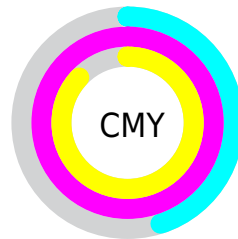
- Red (55%)
- Green (1%)
- Blue (13%)



- Red (55%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 57.464, 25.103 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, 57.464, 25.103 by changing the saturation by 10% instead.

 29, 57.464, 25.103

 29, 57.464, 25.103

 100, 57.464,
25.103

 19, 57.464, 25.103

 49, 57.464, 25.103

 9, 57.464, 25.103

 59, 57.464, 25.103

 0, 57.464, 25.103

 69, 57.464, 25.103

 79, 57.464, 25.103

 89, 57.464, 25.103

 99, 57.464, 25.103

 29, 57.464, 25.103

 29, 57.464, 25.103

29, 58.137, 25.828

30, 53.441, 20.229

32, 48.851, 15.891

34, 43.452, 12.371

37, 37.390, 9.567

40, 30.911, 7.334

43, 24.263, 5.534

47, 17.648, 4.057

51, 11.200, 2.818

55, 4.999, 1.734

Harmonies

Complementary

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



29, 57.464, 25.103



52, 40.992, 168.722

Rectangle

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



29, 57.464, 25.103



29, 57.464, 75.103



29, 57.464, 205.103



29, 57.464, 255.103

Sweetspot

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



29, 57.462, 25.105



60, 23.195, 4.364



27, 75.655, 319.777



29, 15.870, 4.898



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



29, 57.462, 25.105



38, 71.250, 27.146



32, 60.271, 46.364



28, 3.395, 1.816



27, 56.239, 25.578



0, 2.245, 1.041

Inverse Universe

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



29, 57.462, 25.105



38, 71.250, 27.146



41, 29.605, 247.845



28, 3.395, 1.816



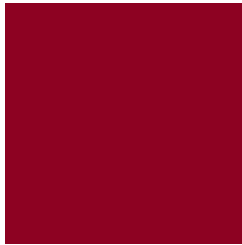
27, 56.239, 25.578



0, 2.245, 1.041

Previews

White Background



This preview shows how the CIELCh color 29, 57.464, 25.103 looks on a white background.

Color Contrast Check

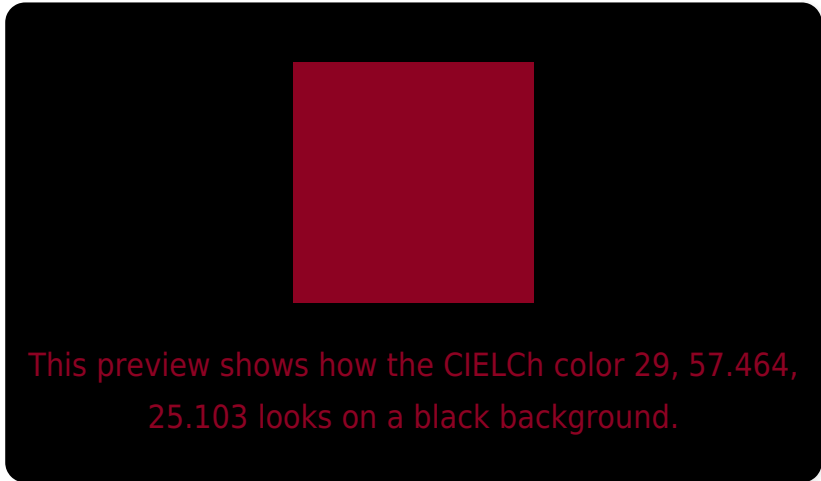
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

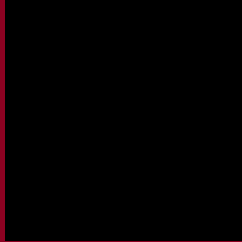
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 57.464, 25.103

Background



This preview shows how black text looks on a background with the CIELCh color 29, 57.464, 25.103.



This preview shows how white text looks on a background with the CIELCh color 29, 57.464, 25.103.

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, 57.464, 25.103

Protanopia

31, 12.880, 96.985

Deuteranopia

30, 28.436, 82.245



Tritanopia
29, 62.832, 38.228

Trichromacy



Original Color
29, 57.464, 25.103

Protanomaly
27, 26.712, 27.688

Deuteranomaly
27, 36.143, 40.595

Tritanomaly
29, 60.887, 34.401

Monochromacy



Original Color
29, 57.464, 25.103

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 25.016, 10.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 57.464, 25.103 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(141, 2, 34)` looks like.

```
.text, #text, p{  
    color:rgb(141, 2, 34)  
}
```

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(141, 2, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 2, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 57.464, 25.103 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(141, 2, 34) }
```

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

```
.border{ border-color:rgb(141, 2, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 2, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 2, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 2, 34);  
box-shadow:4px 4px 4px 4px rgb(141, 2, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 57.464, 25.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 2, 34) }
```

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

```
.background{ background-color: rgb(141, 2,  
34) }
```

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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