

Converting Colors

CIELCh(30, 59.061, 25.011)

Have a look what the booklet for
CIELCh(30, 59.061, 25.011) contains.

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Color

CIELCh(30, 59.201, 25.279)

Conversions

Conversions Part 1

Format	Color
Hex	920123
RGB	146, 1, 35
RGB Percent	57%, 0%, 14%
CMY	0.4280, 0.9970, 0.8631
CMYK	0.00, 0.99, 0.76, 0.43
HSL	346°, 99%, 29%
HSV	346°, 99%, 57%
XYZ	12.1405, 6.2359, 2.1467
YIQ	48.2310, 75.5060, 41.3140

Conversions

Conversions Part 2

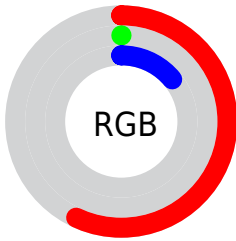
Format	Color
RYB	146, 1, 35
Decimal	9568547
CIELab	30.00, 53.53, 25.28
CIElCh	30, 59.201, 25.279
Yxy	6.2359, 0.5916, 0.3038
Android (android.graphics.Color)	4287758627 (0xFF920123)
YUV	48.2310, -6.5229, 85.7434
Hunter-Lab	24.9718, 43.0802, 12.3834

Details

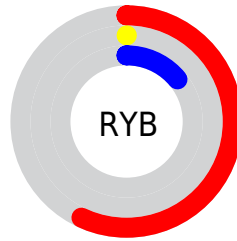
The CIELCh color **30, 59.201, 25.279** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **54, 42.553, 167.923**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 59.398, 25.389**, and **16, 43.930, 33.595** is the 20% darker color. If you saturate the color by 10%, you get **30, 59.425, 25.524**, and if you desaturate by 10%, it is **31, 55.168, 20.368**.

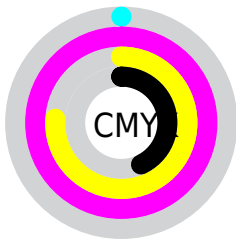
Distribution



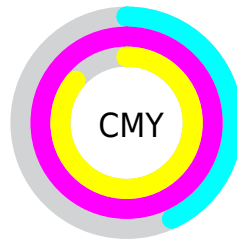
- Red (57%)
- Green (0%)
- Blue (14%)



- Red (57%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (99%)
- Yellow (76%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 59.201, 25.279 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, 59.201, 25.279 by changing the saturation by 10% instead.

 30, 59.201, 25.279

 30, 59.201, 25.279

 100, 59.201,
25.279

 20, 59.201, 25.279

 50, 59.201, 25.279

 10, 59.201, 25.279

 60, 59.201, 25.279

 0, 59.201, 25.279

 70, 59.201, 25.279

 80, 59.201, 25.279

 90, 59.201, 25.279

 30, 59.201, 25.279

 30, 59.201, 25.279

 30, 59.425, 25.524

 31, 55.168, 20.368

■ 33, 50.624, 15.920

■ 35, 45.224, 12.301

■ 38, 39.100, 9.419

■ 41, 32.500, 7.126

■ 44, 25.687, 5.282

■ 48, 18.879, 3.771

■ 52, 12.224, 2.506

■ 56, 5.811, 1.407

Harmonies

Complementary

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



30, 59.201, 25.279



54, 42.553, 167.923

Rectangle

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



30, 59.201, 25.279



30, 59.201, 75.279



30, 59.201, 205.279



30, 59.201, 255.279

Sweetspot

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



30, 59.198, 25.281



61, 23.759, 3.929



28, 78.053, 319.165



30, 16.260, 4.473



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, 59.198, 25.281



40, 72.515, 26.782



33, 63.054, 45.640



29, 3.504, 1.380



28, 56.855, 25.198



1, 3.001, 0.597

Inverse Universe

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



30, 59.198, 25.281



40, 72.515, 26.782



43, 29.954, 245.075



29, 3.504, 1.380



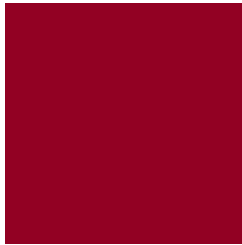
28, 56.855, 25.198



1, 3.001, 0.597

Previews

White Background



This preview shows how the CIE LCh color 30, 59.201, 25.279 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, 59.201, 25.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

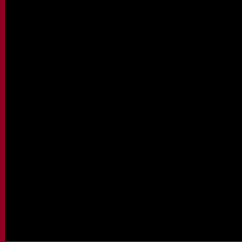
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 59.201, 25.279

Background



This preview shows how black text looks on a background with the CIELCh color 30, 59.201, 25.279.



This preview shows how white text looks on a background with the CIELCh color 30, 59.201, 25.279.

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, 59.201, 25.279

Protanopia

31, 13.535, 95.385

Deuteranopia

31, 29.594, 82.063



Tritanopia
30, 64.508, 38.769

Trichromacy



Original Color
30, 59.201, 25.279

Protanomaly
27, 28.468, 26.684

Deuteranomaly
28, 37.801, 40.915

Tritanomaly
30, 62.439, 34.674

Monochromacy



Original Color
30, 59.201, 25.279

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 26.345, 10.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 59.201, 25.279 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(146, 1, 35)` looks like.

```
.text, #text, p{  
    color:rgb(146, 1, 35)  
}
```

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(146, 1, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 1, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 59.201, 25.279 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(146, 1, 35) }
```

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

```
.border{ border-color:rgb(146, 1, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 1, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 1, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 1, 35);  
box-shadow:4px 4px 4px 4px rgb(146, 1, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 59.201, 25.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 1, 35) }
```

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

```
.background{ background-color: rgb(146, 1,  
35) }
```

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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