

Converting Colors

CIELCh(19, 29.742, 13.959)

Have a look what the booklet for
CIELCh(19, 29.742, 13.959) contains.

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Color

CIELCh(19, 29.701, 14.107)

Conversions

Conversions Part 1

Format	Color
Hex	551925
RGB	85, 25, 37
RGB Percent	33%, 10%, 15%
CMY	0.6672, 0.9025, 0.8554
CMYK	0.00, 0.71, 0.57, 0.67
HSL	348°, 55%, 22%
HSV	348°, 71%, 33%
XYZ	4.4100, 2.7468, 2.0384
YIQ	44.3080, 31.9080, 16.4520

Conversions

Conversions Part 2

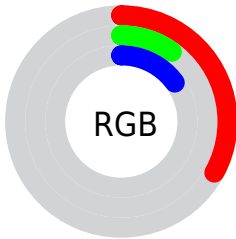
Format	Color
RYB	85, 25, 37
Decimal	5576997
CIELab	19.00, 28.81, 7.24
CIELCh	19, 29.701, 14.107
Yxy	2.7468, 0.4796, 0.2987
Android (android.graphics.Color)	4283767077 (0xFF551925)
YUV	44.3080, -3.6028, 35.6869
Hunter-Lab	16.5735, 18.4925, 4.3093

Details

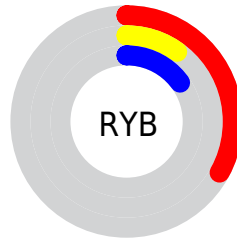
The CIELCh color **19, 29.701, 14.107** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32, 22.423, 176.384**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 29.881, 14.253**, and **4, 17.716, 18.101** is the 20% darker color. If you saturate the color by 10%, you get **17, 33.483, 17.334**, and if you desaturate by 10%, it is **21, 25.568, 11.507**.

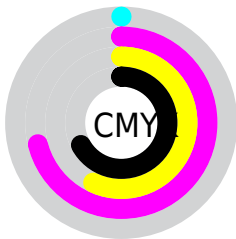
Distribution



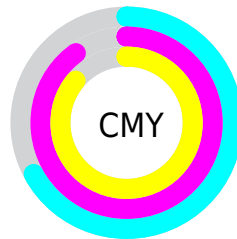
- Red (33%)
- Green (10%)
- Blue (15%)



- Red (33%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (71%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (90%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 29.701, 14.107 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 19, 29.701, 14.107 by changing the saturation by 10% instead.

 19, 29.701, 14.107

 19, 29.701, 14.107

 100, 29.701,
14.107

 9, 29.701, 14.107

 39, 29.701, 14.107

 0, 29.701, 14.107

 49, 29.701, 14.107

 59, 29.701, 14.107

 69, 29.701, 14.107

 79, 29.701, 14.107

 89, 29.701, 14.107

 99, 29.701, 14.107

■ 19, 29.701, 14.107

■ 19, 29.701, 14.107

■ 17, 33.483, 17.334

■ 21, 25.568, 11.507

■ 16, 36.849, 21.216

■ 23, 21.231, 9.410

■ 15, 40.014, 23.985

■ 25, 16.827, 7.704

■ 28, 12.468, 6.296

■ 30, 8.228, 5.111

■ 33, 4.153, 4.081

■ 36, 0.265, 2.247

■ 39, 3.433, 182.613

■ 41, 6.944, 181.907

Harmonies

Complementary

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



19, 29.701, 14.107



32, 22.423, 176.384

Rectangle

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



19, 29.701, 14.107



19, 29.701, 64.107



19, 29.701, 194.107



19, 29.701, 244.107

Sweetspot

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



19, 29.699, 14.109



39, 10.341, 5.222



19, 41.904, 320.773



19, 7.081, 5.403



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



19, 29.699, 14.109



23, 42.947, 20.060



22, 26.909, 47.428



16, 2.202, 3.894



21, 47.878, 26.366



49, 87.934, 30.330

Inverse Universe

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



19, 29.699, 14.109



23, 42.947, 20.060



27, 16.943, 239.150



16, 2.202, 3.894



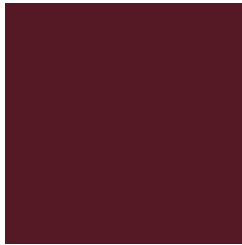
21, 47.878, 26.366



49, 87.934, 30.330

Previews

White Background



This preview shows how the CIELCh color 19, 29.701, 14.107 looks on a white background.

Color Contrast Check

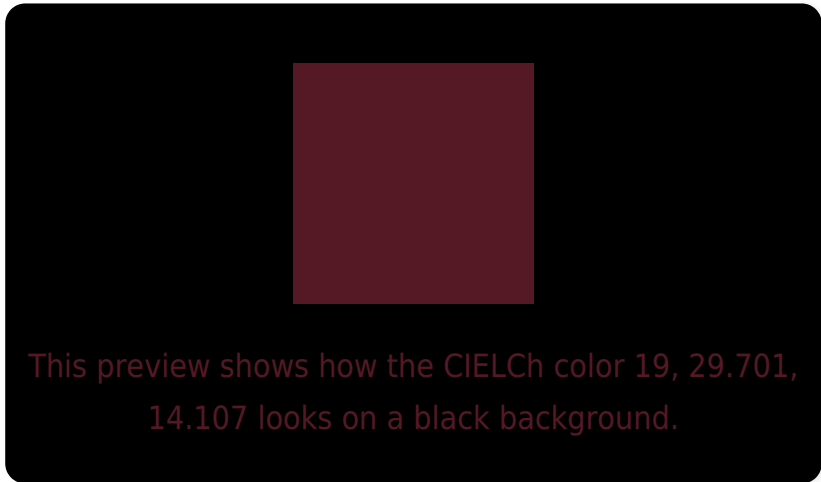
Large Text (above 18pt) WCAG AA ✓ Pass

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 19, 29.701, 14.107

Background



This preview shows how black text looks on a background with the CIELCh color 19, 29.701, 14.107.



This preview shows how white text looks on a background with the CIELCh color 19, 29.701, 14.107.

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

19, 29.701, 14.107

Protanopia

20, 0.835, 324.422

Deuteranopia

20, 10.042, 73.339



Tritanopia
19, 29.824, 26.851

Trichromacy



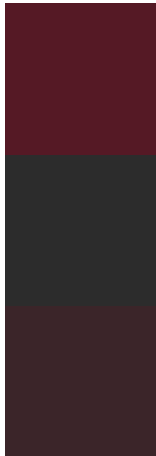
Original Color
19, 29.701, 14.107

Protanomaly
18, 11.271, 4.739

Deuteranomaly
19, 15.403, 30.411

Tritanomaly
19, 29.578, 22.280

Monochromacy



Original Color
19, 29.701, 14.107

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 11.248, 8.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 29.701, 14.107 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(85, 25, 37)` looks like.

```
.text, #text, p{  
    color:rgb(85, 25, 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(85, 25, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 25, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 29.701, 14.107 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(85, 25, 37) }
```

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

```
.border{ border-color:rgb(85, 25, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 25, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 25, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 25, 37);  
box-shadow:4px 4px 4px 4px rgb(85, 25, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 29.701, 14.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 25, 37) }
```

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

```
.background{ background-color: rgb(85, 25,  
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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