

Converting Colors

CIELCh(25, 16.943, 5.269)

Have a look what the booklet for
CIELCh(25, 16.943, 5.269) contains.

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Color

CIELCh(25, 17.191, 5.725)

Conversions

Conversions Part 1

Format	Color
Hex	543139
RGB	84, 49, 57
RGB Percent	33%, 19%, 22%
CMY	0.6694, 0.8068, 0.7754
CMYK	0.00, 0.42, 0.32, 0.67
HSL	346°, 26%, 26%
HSV	346°, 42%, 33%
XYZ	5.5372, 4.4155, 4.4662
YIQ	60.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

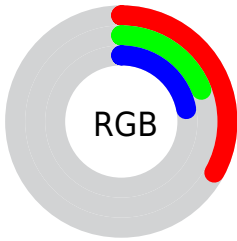
Format	Color
R_{YB}	84, 49, 57
Decimal	5517625
CIE Lab	25.00, 17.11, 1.71
CIE LCh	25, 17.191, 5.725
Yxy	4.4155, 0.3840, 0.3062
Android (android.graphics.Color)	4283707705 (0xFF543139)
YUV	60.3770, -1.6649, 20.7174
Hunter-Lab	21.0130, 10.2639, 2.1073




Details

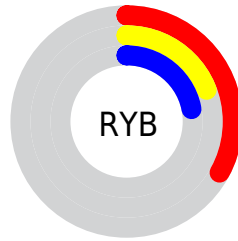
The CIELCh color **25, 17.191, 5.725** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33, 14.836, 177.383**, and the grayscale version is **26, 0.004, 296.813**.




A 20% lighter version of the original color is **45, 17.211, 5.908**, and **5, 17.082, 5.211** is the 20% darker color. If you saturate the color by 10%, you get **23, 21.539, 7.441**, and if you desaturate by 10%, it is **27, 12.853, 4.308**.

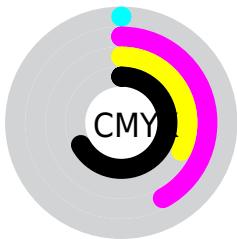
Distribution







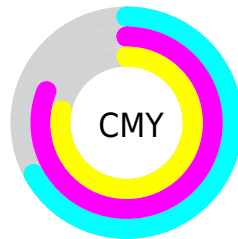
-  Red (33%)
-  Green (19%)
-  Blue (22%)






-  Red (33%)
-  Yellow (19%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (32%)
-  Black (67%)




-  Cyan (67%)
-  Magenta (81%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 17.191, 5.725 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 25, 17.191, 5.725 by changing the saturation by 10% instead.

 25, 17.191, 5.725  25, 17.191, 5.725

 100, 17.191, 5.725  15, 17.191, 5.725

 45, 17.191, 5.725  5, 17.191, 5.725

 55, 17.191, 5.725  0, 17.191, 5.725

 65, 17.191, 5.725

 75, 17.191, 5.725

 85, 17.191, 5.725

 95, 17.191, 5.725

 25, 17.191, 5.725  25, 17.191, 5.725

 23, 21.539, 7.441  27, 12.853, 4.308

■ 21, 25.784, 9.541

■ 30, 8.612, 3.109

■ 19, 29.778, 12.144

■ 33, 4.517, 2.065

■ 17, 33.378, 15.372

■ 35, 0.594, 0.791

■ 16, 36.545, 19.230

■ 38, 3.147, 180.556

■ 15, 39.368, 21.977

■ 41, 6.709, 179.823

■ 44, 10.100,
179.193

■ 47, 13.331,
178.629

■ 49, 16.415,
178.117

Harmonies

Complementary

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



25, 17.191, 5.725



33, 14.836, 177.383

Rectangle

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



25, 17.191, 5.725



25, 17.191, 55.725



25, 17.191, 185.725



25, 17.191, 235.725

Sweetspot

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



25, 17.190, 5.728



42, 5.842, 2.151



25, 25.341, 319.444



21, 3.912, 2.217



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



25, 17.190, 5.728



30, 25.959, 7.470



27, 14.314, 45.978



16, 2.226, 1.793



21, 47.139, 24.123



49, 86.320, 28.180

Inverse Universe

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



25, 17.190, 5.728



30, 25.959, 7.470



30, 11.120, 230.963



16, 2.226, 1.793



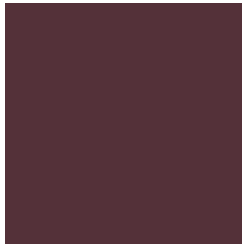
21, 47.139, 24.123



49, 86.320, 28.180

Previews

White Background



This preview shows how the CIE LCh color 25, 17.191, 5.725 looks on a white background.

Color Contrast Check

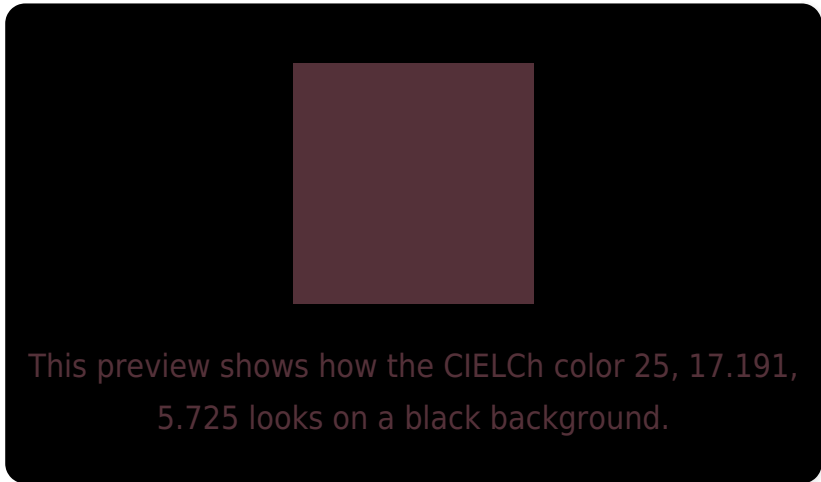
Large Text (above 18pt) WCAG AA ✓ Pass

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

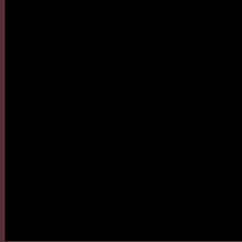
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 17.191, 5.725

Background



This preview shows how black text looks on a background with the CIELCh color 25, 17.191, 5.725.



This preview shows how white text looks on a background with the CIELCh color 25, 17.191, 5.725.

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

25, 17.191, 5.725

Protanopia

25, 2.682, 300.254

Deuteranopia

25, 4.430, 37.222



Tritanopia
25, 16.493, 13.949

Trichromacy



Original Color

25, 17.191, 5.725

Protanomaly

25, 7.529, 349.342

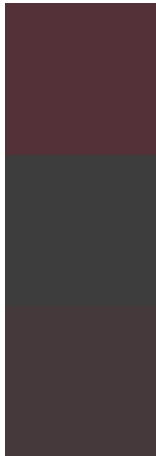
Deuteranomaly

25, 8.554, 16.690

Tritanomaly

25, 16.502, 11.703

Monochromacy



Original Color

25, 17.191, 5.725

Achromatopsia

26, 0.004, 296.813

Achromatomaly

25, 5.874, 1.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 17.191, 5.725 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(84, 49, 57)` looks like.

```
.text, #text, p{  
    color:rgb(84, 49, 57)  
}
```

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(84, 49, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 49, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 17.191, 5.725 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(84, 49, 57) }
```

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

```
.border{ border-color:rgb(84, 49, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 49, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 49, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 49, 57);  
box-shadow:4px 4px 4px 4px rgb(84, 49, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 17.191, 5.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 49, 57) }
```

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

```
.background{ background-color: rgb(84, 49,  
57) }
```

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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