

Converting Colors

CIELCh(25, 36.907, 27.949)

Have a look what the booklet for
CIELCh(25, 36.907, 27.949) contains.

CIELCh(25, 36.817, 27.788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(25, 36.817, 27.788)

Conversions

Conversions Part 1

Format	Color
Hex	6B2223
RGB	107, 34, 35
RGB Percent	42%, 13%, 14%
CMY	0.5796, 0.8659, 0.8621
CMYK	0.00, 0.68, 0.67, 0.58
HSL	359°, 52%, 28%
HSV	359°, 68%, 42%
XYZ	6.9712, 4.4155, 2.0871
YIQ	55.9410, 43.1870, 15.7870

Conversions

Conversions Part 2

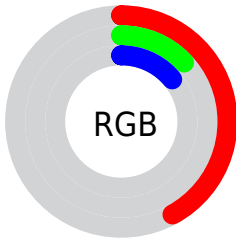
Format	Color
RYB	107, 34, 35
Decimal	7021091
CIELab	25.00, 32.57, 17.16
CIElCh	25, 36.817, 27.788
Yxy	4.4155, 0.5174, 0.3277
Android (android.graphics.Color)	4285211171 (0xFF6B2223)
YUV	55.9410, -10.3239, 44.7787
Hunter-Lab	21.0130, 22.4456, 8.8201

Details

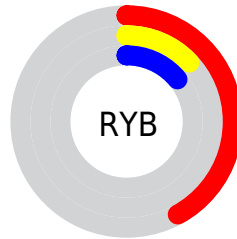
The CIELCh color **25, 36.817, 27.788** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41, 22.958, 195.279**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 36.944, 28.269**, and **7, 28.774, 22.898** is the 20% darker color. If you saturate the color by 10%, you get **23, 42.624, 30.866**, and if you desaturate by 10%, it is **27, 30.847, 25.268**.

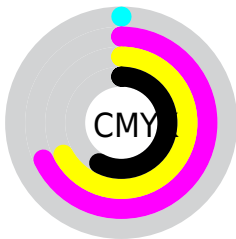
Distribution



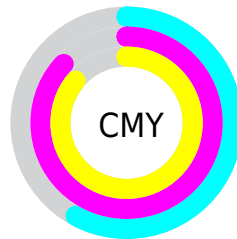
- Red (42%)
- Green (13%)
- Blue (14%)



- Red (42%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 36.817, 27.788 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, 36.817, 27.788 by changing the saturation by 10% instead.

■ 25, 36.817, 27.788

■ 25, 36.817, 27.788

■ 100, 36.817,
27.788

■ 15, 36.817, 27.788

■ 45, 36.817, 27.788

■ 5, 36.817, 27.788

■ 55, 36.817, 27.788

■ 0, 36.817, 27.788

■ 65, 36.817, 27.788

■ 75, 36.817, 27.788

■ 85, 36.817, 27.788

■ 95, 36.817, 27.788

■ 25, 36.817, 27.788

■ 25, 36.817, 27.788

23, 42.624, 30.866

27, 30.847, 25.268

22, 47.859, 34.078

30, 24.908, 23.269

21, 51.701, 35.813

33, 19.146, 21.705

21, 52.419, 36.066

36, 13.655, 20.482

39, 8.490, 19.515

43, 3.666, 18.709

46, 0.823, 198.628

49, 4.998, 197.790

53, 8.886, 197.364

Harmonies

Complementary

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



25, 36.817, 27.788



41, 22.958, 195.279

Rectangle

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



25, 36.817, 27.788



25, 36.817, 77.788



25, 36.817, 207.788



25, 36.817, 257.788

Sweetspot

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



25, 36.815, 27.791



50, 11.793, 19.733



28, 49.824, 327.066



25, 8.171, 19.931



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



25, 36.815, 27.791



30, 55.818, 32.991



33, 30.140, 65.697



21, 2.546, 18.776



23, 56.601, 37.059



51, 100.853, 39.615

Inverse Universe

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



25, 36.815, 27.791



30, 55.818, 32.991



29, 24.493, 267.544



21, 2.546, 18.776



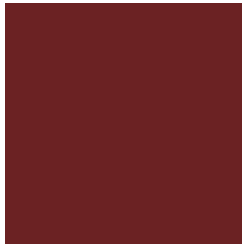
23, 56.601, 37.059



51, 100.853, 39.615

Previews

White Background



This preview shows how the CIELCh color 25, 36.817, 27.788 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 CIELCh color 25, 36.817, 27.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

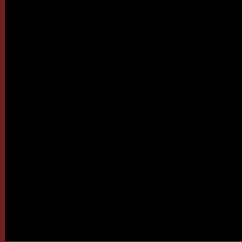
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 36.817, 27.788

Background



This preview shows how black text looks on a background with the CIELCh color 25, 36.817, 27.788.

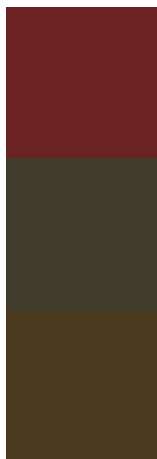


This preview shows how white text looks on a background with the CIELCh color 25, 36.817, 27.788.

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, 36.817, 27.788

Protanopia

26, 10.595, 97.262

Deuteranopia

26, 19.582, 80.886



Tritanopia
25, 36.585, 26.849

Trichromacy



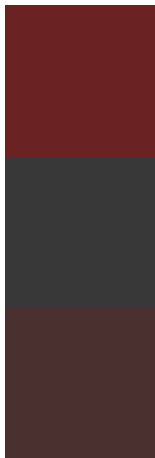
Original Color
25, 36.817, 27.788

Protanomaly
24, 16.565, 44.897

Deuteranomaly
25, 22.877, 49.104

Tritanomaly
25, 36.585, 26.849

Monochromacy



Original Color
25, 36.817, 27.788

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 13.324, 22.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 36.817, 27.788 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(107, 34, 35)` looks like.

```
.text, #text, p{  
    color:rgb(107, 34, 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(107, 34, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 34, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 36.817, 27.788 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(107, 34, 35) }
```

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

```
.border{ border-color:rgb(107, 34, 35) }
```

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

Here you see how a box with a 4 pixel rgb(107, 34, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 34, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 34, 35);  
box-shadow:4px 4px 4px 4px rgb(107, 34,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 36.817, 27.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 34, 35) }
```

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

```
.background{ background-color: rgb(107, 34,  
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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