

Converting Colors

CIELCh(25, 24.316, 18.989)

Have a look what the booklet for
CIELCh(25, 24.316, 18.989) contains.

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Color

CIELCh(25, 24.558, 19.159)

Conversions

Conversions Part 1

Format	Color
Hex	5E2C30
RGB	94, 44, 48
RGB Percent	37%, 17%, 19%
CMY	0.6307, 0.8269, 0.8112
CMYK	0.00, 0.53, 0.49, 0.63
HSL	355°, 36%, 27%
HSV	355°, 53%, 37%
XYZ	6.0759, 4.4155, 3.3436
YIQ	59.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

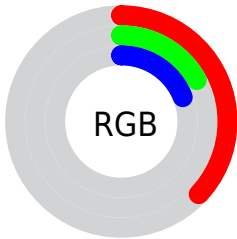
Format	Color
RYB	94, 44, 48
Decimal	6171696
CIELab	25.00, 23.20, 8.06
CIELCh	25, 24.558, 19.159
Yxy	4.4155, 0.4392, 0.3192
Android (android.graphics.Color)	4284361776 (0xFF5E2C30)
YUV	59.4060, -5.6232, 30.3389
Hunter-Lab	21.0130, 14.8402, 5.2748

Details

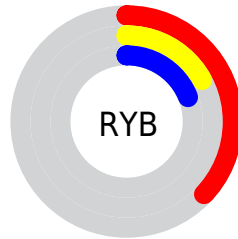
The CIELCh color **25, 24.558, 19.159** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 18.149, 189.180**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 24.718, 18.845**, and **5, 23.909, 20.292** is the 20% darker color. If you saturate the color by 10%, you get **23, 29.638, 21.441**, and if you desaturate by 10%, it is **28, 19.503, 17.347**.

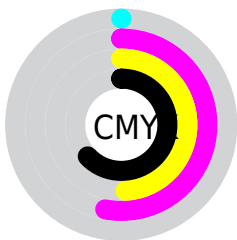
Distribution



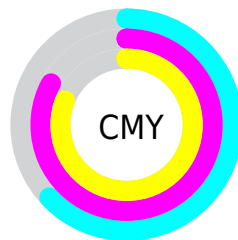
- Red (37%)
- Green (17%)
- Blue (19%)



- Red (37%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (49%)
- Black (63%)



- Cyan (63%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 24.558, 19.159 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, 24.558, 19.159 by changing the saturation by 10% instead.

■ 25, 24.558, 19.159

■ 25, 24.558, 19.159

■ 100, 24.558,
19.159

■ 15, 24.558, 19.159

■ 45, 24.558, 19.159

■ 5, 24.558, 19.159

■ 55, 24.558, 19.159

■ 0, 24.558, 19.159

■ 65, 24.558, 19.159

■ 75, 24.558, 19.159

■ 85, 24.558, 19.159

■ 95, 24.558, 19.159

■ 25, 24.558, 19.159

■ 25, 24.558, 19.159

23, 29.638, 21.441

28, 19.503, 17.347

21, 34.606, 24.283

30, 14.589, 15.896

19, 39.310, 27.733

33, 9.887, 14.722

18, 43.324, 30.841

36, 5.437, 13.747

17, 45.647, 31.635

39, 1.252, 12.770

42, 2.675, 192.479

45, 6.356, 191.852

48, 9.812, 191.355

51, 13.063,
190.929

Harmonies

Complementary

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



25, 24.558, 19.159



37, 18.149, 189.180

Rectangle

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



25, 24.558, 19.159



25, 24.558, 69.159



25, 24.558, 199.159



25, 24.558, 249.159

Sweetspot

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



25, 24.557, 19.162



45, 8.320, 14.059



26, 36.113, 324.489



22, 5.587, 14.180



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



25, 24.557, 19.162



30, 37.410, 22.193



30, 20.297, 60.809



17, 2.243, 13.361



21, 51.909, 33.638



50, 95.701, 37.443

Inverse Universe

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



25, 24.557, 19.162



30, 37.410, 22.193



30, 16.225, 254.553



17, 2.243, 13.361



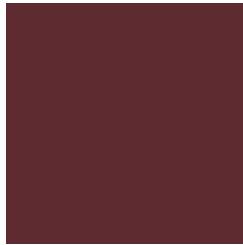
21, 51.909, 33.638



50, 95.701, 37.443

Previews

White Background



This preview shows how the CIELCh color 25, 24.558, 19.159 looks on a white background.

Color Contrast Check

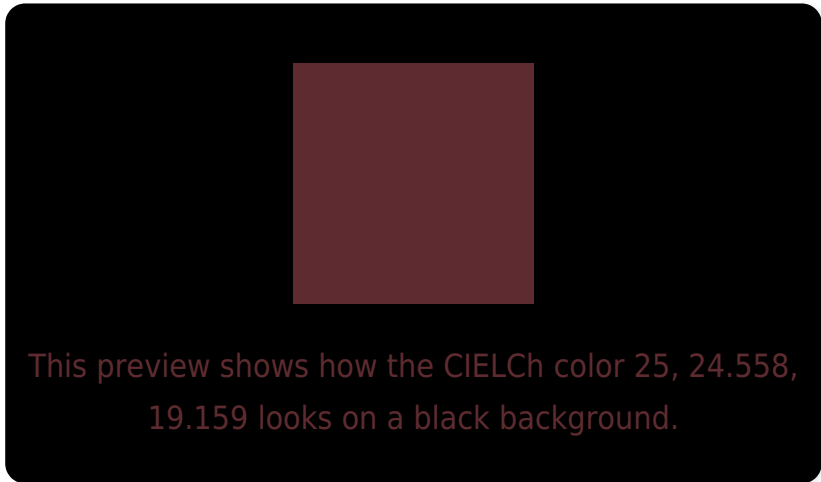
Large Text (above 18pt) WCAG AA ✓ Pass

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

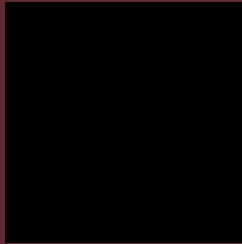
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 24.558, 19.159

Background



This preview shows how black text looks on a background with the CIELCh color 25, 24.558, 19.159.



This preview shows how white text looks on a background with the CIELCh color 25, 24.558, 19.159.

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, 24.558, 19.159

Protanopia

25, 2.773, 90.047

Deuteranopia

25, 10.256, 69.426



Tritanopia
25, 24.666, 20.646

Trichromacy



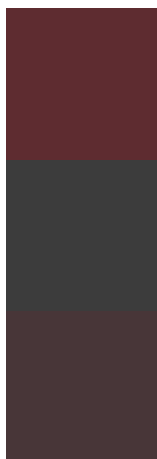
Original Color
25, 24.558, 19.159

Protanomaly
25, 9.683, 25.082

Deuteranomaly
25, 13.708, 38.152

Tritanomaly
25, 24.666, 20.646

Monochromacy



Original Color
25, 24.558, 19.159

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 8.602, 12.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 24.558, 19.159 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(94, 44, 48)` looks like.

```
.text, #text, p{  
    color:rgb(94, 44, 48)  
}
```

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(94, 44, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 44, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 24.558, 19.159 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(94, 44, 48) }
```

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

```
.border{ border-color:rgb(94, 44, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 44, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 44, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 44, 48);  
box-shadow:4px 4px 4px 4px rgb(94, 44, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 24.558, 19.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 44, 48) }
```

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

```
.background{ background-color: rgb(94, 44,  
48) }
```

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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