

Converting Colors

CIELCh(20, 37.978, 27.285)

Have a look what the booklet for
CIELCh(20, 37.978, 27.285) contains.

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Color

CIELCh(20, 37.905, 27.178)

Conversions

Conversions Part 1

Format	Color
Hex	5F1419
RGB	95, 20, 25
RGB Percent	37%, 8%, 10%
CMY	0.6281, 0.9222, 0.9024
CMYK	0.00, 0.79, 0.74, 0.63
HSL	356°, 65%, 22%
HSV	356°, 79%, 37%
XYZ	5.1247, 2.9891, 1.2201
YIQ	42.9950, 43.0950, 17.4550

Conversions

Conversions Part 2

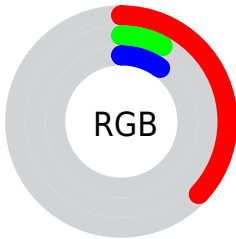
Format	Color
RYB	95, 20, 25
Decimal	6231065
CIELab	20.00, 33.72, 17.31
CIELCh	20, 37.905, 27.178
Yxy	2.9891, 0.5490, 0.3202
Android (android.graphics.Color)	4284421145 (0xFF5F1419)
YUV	42.9950, -8.8715, 45.6084
Hunter-Lab	17.2889, 22.6551, 7.9179

Details

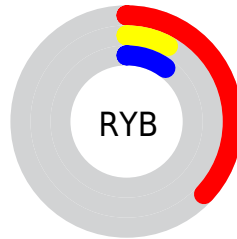
The CIELCh color **20, 37.905, 27.178** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36, 23.373, 188.679**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 37.576, 27.308**, and **5, 23.178, 19.104** is the 20% darker color. If you saturate the color by 10%, you get **19, 42.351, 30.613**, and if you desaturate by 10%, it is **22, 32.972, 23.994**.

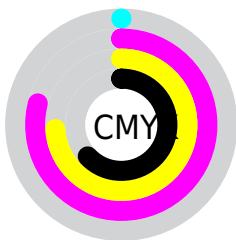
Distribution



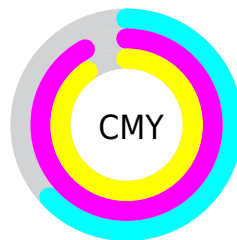
- Red (37%)
- Green (8%)
- Blue (10%)



- Red (37%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (79%)
- Yellow (74%)
- Black (63%)



- Cyan (63%)
- Magenta (92%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 37.905, 27.178 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 20, 37.905, 27.178 by changing the saturation by 10% instead.

■ 20, 37.905, 27.178

■ 20, 37.905, 27.178

■ 100, 37.905,
27.178

■ 10, 37.905, 27.178

■ 0, 37.905, 27.178

■ 40, 37.905, 27.178

■ 50, 37.905, 27.178

■ 60, 37.905, 27.178

■ 70, 37.905, 27.178

■ 80, 37.905, 27.178

■ 90, 37.905, 27.178

■ 20, 37.905, 27.178

■ 20, 37.905, 27.178

19, 42.351, 30.613

22, 32.972, 23.994

18, 45.835, 32.184

24, 27.850, 21.400

18, 46.148, 32.262

26, 22.688, 19.332

29, 17.619, 17.688

32, 12.737, 16.374

34, 8.099, 15.307

37, 3.729, 14.403

41, 0.368, 194.637

44, 4.204, 193.260

Harmonies

Complementary

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



20, 37.905, 27.178



36, 23.373, 188.679

Rectangle

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



20, 37.905, 27.178



20, 37.905, 77.178



20, 37.905, 207.178



20, 37.905, 257.178

Sweetspot

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



20, 37.903, 27.180



42, 12.799, 15.884



22, 49.906, 325.128



20, 8.774, 16.145



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



20, 37.903, 27.180



25, 55.127, 34.204



26, 32.315, 58.437



18, 2.346, 14.389



22, 53.208, 34.419



50, 97.108, 37.957

Inverse Universe

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



20, 37.903, 27.180



25, 55.127, 34.204



26, 22.986, 262.708



18, 2.346, 14.389



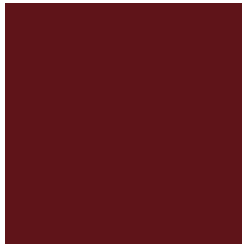
22, 53.208, 34.419



50, 97.108, 37.957

Previews

White Background



This preview shows how the CIELCh color 20, 37.905, 27.178 looks on a white background.

Color Contrast Check

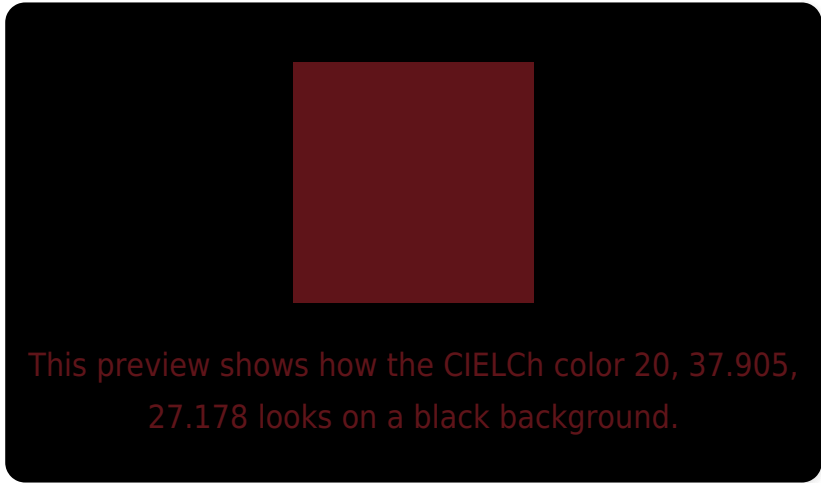
Large Text (above 18pt) WCAG AA ✓ Pass

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 20, 37.905, 27.178

Background



This preview shows how black text looks on a background with the CIELCh color 20, 37.905, 27.178.

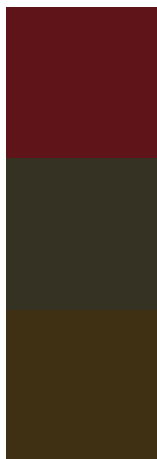


This preview shows how white text looks on a background with the CIELCh color 20, 37.905, 27.178.

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

20, 37.905, 27.178

Protanopia

21, 10.273, 96.253

Deuteranopia

21, 20.438, 81.796



Tritanopia
20, 38.731, 31.268

Trichromacy



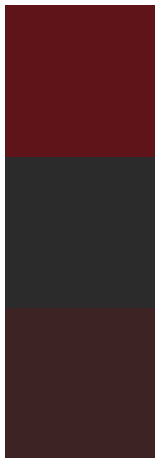
Original Color
20, 37.905, 27.178

Protanomaly
19, 17.258, 40.720

Deuteranomaly
20, 23.994, 49.006

Tritanomaly
20, 38.442, 30.403

Monochromacy



Original Color
20, 37.905, 27.178

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 13.917, 20.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 37.905, 27.178 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(95, 20, 25)` looks like.

```
.text, #text, p{  
    color:rgb(95, 20, 25)  
}
```

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(95, 20, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 20, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 37.905, 27.178 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(95, 20, 25) }
```

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

```
.border{ border-color:rgb(95, 20, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 20, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 20, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 20, 25);  
box-shadow:4px 4px 4px 4px rgb(95, 20, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 37.905, 27.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 20, 25) }
```

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

```
.background{ background-color: rgb(95, 20,  
25) }
```

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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