

Converting Colors

CIELCh(20, 33.814, 18.366)

Have a look what the booklet for
CIELCh(20, 33.814, 18.366) contains.

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Color

CIELCh(20, 33.852, 18.868)

Conversions

Conversions Part 1

Format	Color
Hex	5C1722
RGB	92, 23, 34
RGB Percent	36%, 9%, 13%
CMY	0.6398, 0.9104, 0.8671
CMYK	0.00, 0.75, 0.63, 0.64
HSL	350°, 60%, 22%
HSV	350°, 75%, 36%
XYZ	4.9887, 2.9891, 1.8184
YIQ	44.8850, 37.5930, 18.0490

Conversions

Conversions Part 2

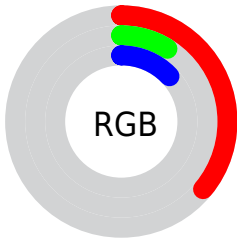
Format	Color
RYB	92, 23, 34
Decimal	6035234
CIELab	20.00, 32.03, 10.95
CIELCh	20, 33.852, 18.868
Yxy	2.9891, 0.5093, 0.3051
Android (android.graphics.Color)	4284225314 (0xFF5C1722)
YUV	44.8850, -5.3663, 41.3199
Hunter-Lab	17.2889, 21.2501, 5.8663

Details

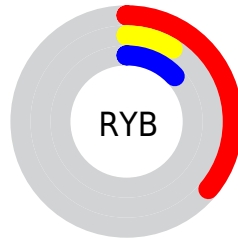
The CIELCh color **20, 33.852, 18.868** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 23.923, 179.445**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 33.588, 19.069**, and **5, 22.460, 18.874** is the 20% darker color. If you saturate the color by 10%, you get **19, 37.891, 22.525**, and if you desaturate by 10%, it is **22, 29.429, 15.890**.

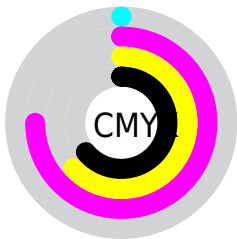
Distribution



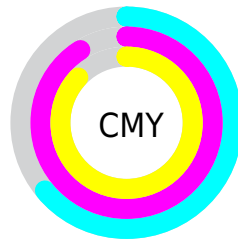
- Red (36%)
- Green (9%)
- Blue (13%)



- Red (36%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (75%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 33.852, 18.868 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, 33.852, 18.868 by changing the saturation by 10% instead.

 20, 33.852, 18.868

 20, 33.852, 18.868

 100, 33.852,
18.868

 10, 33.852, 18.868

 0, 33.852, 18.868

 40, 33.852, 18.868

 50, 33.852, 18.868

 60, 33.852, 18.868

 70, 33.852, 18.868

 80, 33.852, 18.868

 90, 33.852, 18.868

 20, 33.852, 18.868

 20, 33.852, 18.868

■ 19, 37.891, 22.525

■ 22, 29.429, 15.890

■ 18, 41.598, 26.413

■ 24, 24.763, 13.496

■ 17, 43.337, 27.531

■ 26, 20.002, 11.572

■ 29, 15.275, 10.010

■ 32, 10.677, 8.723

■ 35, 6.264, 7.635

■ 38, 2.064, 6.635

■ 40, 1.914, 186.156

■ 43, 5.675, 185.376

Harmonies

Complementary

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



20, 33.852, 18.868



35, 23.923, 179.445

Rectangle

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



20, 33.852, 18.868



20, 33.852, 68.868



20, 33.852, 198.868



20, 33.852, 248.868

Sweetspot

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



20, 33.850, 18.870



42, 12.133, 8.562



20, 46.870, 322.405



20, 8.516, 8.858



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, 33.850, 18.870



25, 49.121, 25.820



25, 30.363, 51.544



17, 2.282, 7.015



21, 49.922, 29.497



50, 91.139, 33.171

Inverse Universe

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



20, 33.850, 18.870



25, 49.121, 25.820



27, 19.472, 248.822



17, 2.282, 7.015



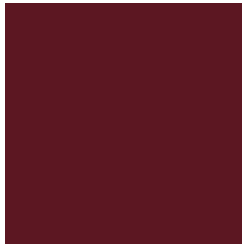
21, 49.922, 29.497



50, 91.139, 33.171

Previews

White Background



This preview shows how the CIELCh color 20, 33.852, 18.868 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, 33.852, 18.868

Background



This preview shows how black text looks on a background with the CIELCh color 20, 33.852, 18.868.



This preview shows how white text looks on a background with the CIELCh color 20, 33.852, 18.868.

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, 33.852, 18.868

Protanopia

21, 3.501, 93.356

Deuteranopia

21, 14.059, 77.763



Tritanopia
20, 34.607, 29.524

Trichromacy



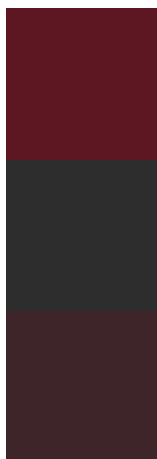
Original Color
20, 33.852, 18.868

Protanomaly
19, 13.126, 19.617

Deuteranomaly
20, 18.805, 39.481

Tritanomaly
20, 34.173, 25.775

Monochromacy



Original Color
20, 33.852, 18.868

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 12.725, 10.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 33.852, 18.868 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(92, 23, 34)` looks like.

```
.text, #text, p{  
    color:rgb(92, 23, 34)  
}
```

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(92, 23, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 23, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 33.852, 18.868 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(92, 23, 34) }
```

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

```
.border{ border-color:rgb(92, 23, 34) }
```

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

Here you see how a box with a 4 pixel rgb(92, 23, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 23, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 23, 34);  
box-shadow:4px 4px 4px 4px rgb(92, 23, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 33.852, 18.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 23, 34) }
```

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

```
.background{ background-color: rgb(92, 23,  
34) }
```

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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