

Converting Colors

CIELCh(19, 6.145, 61.502)

Have a look what the booklet for
CIELCh(19, 6.145, 61.502) contains.

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Color

CIELCh(19, 6.170, 61.468)

Conversions

Conversions Part 1

Format	Color
Hex	352C26
RGB	53, 44, 38
RGB Percent	21%, 17%, 15%
CMY	0.7903, 0.8257, 0.8493
CMYK	0.00, 0.17, 0.28, 0.79
HSL	24°, 16%, 18%
HSV	24°, 28%, 21%
XYZ	2.7668, 2.7468, 2.2551
YIQ	46.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

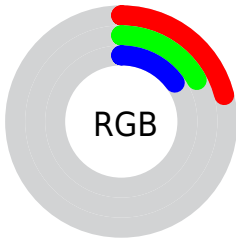
Format	Color
R_{YB}	53, 48, 38
Decimal	3484710
CIE _{Lab}	19.00, 2.95, 5.42
CIE _{LCh}	19, 6.170, 61.468
Yxy	2.7468, 0.3561, 0.3536
Android (android.graphics.Color)	4281674790 (0xFF352C26)
YUV	46.0070, -3.9475, 6.1329
Hunter-Lab	16.5735, 0.7951, 3.5342

Details

The CIELCh color **19, 6.170, 61.468** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 5.559, 246.980**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 6.092, 56.729**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 8.598, 60.667**, and if you desaturate by 10%, it is **20, 3.869, 62.301**.

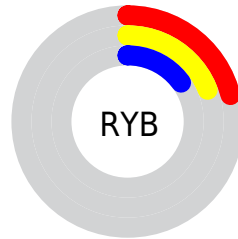
Distribution



Red (21%)

Green (17%)

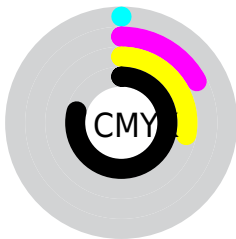
Blue (15%)



Red (21%)

Yellow (19%)

Blue (15%)

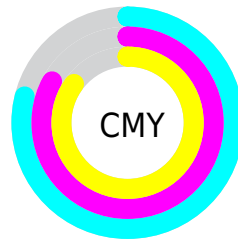


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (79%)



Cyan (79%)

Magenta (83%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 6.170, 61.468 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 19, 6.170, 61.468 by changing the saturation by 10% instead.

 19, 6.170, 61.468  19, 6.170, 61.468

 100, 6.170, 61.468  9, 6.170, 61.468

 39, 6.170, 61.468  0, 6.170, 61.468

 49, 6.170, 61.468

 59, 6.170, 61.468

 69, 6.170, 61.468

 79, 6.170, 61.468

 89, 6.170, 61.468

 99, 6.170, 61.468

 19, 6.170, 61.468  19, 6.170, 61.468

■ 18, 8.598, 60.667	■ 20, 3.869, 62.301
■ 17, 11.157, 59.880	■ 21, 1.687, 63.095
■ 16, 13.847, 59.123	■ 23, 0.387, 244.514
■ 15, 16.484, 58.022	■ 24, 2.362, 244.990
■ 14, 18.609, 55.806	■ 25, 4.247, 245.806
■ 13, 20.385, 53.077	■ 26, 6.052, 246.631
■ 12, 22.166, 50.871	■ 28, 7.785, 247.444
■ 11, 22.505, 50.515	■ 29, 9.454, 248.241
	■ 30, 11.066, 249.017

Harmonies

Complementary

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



19, 6.170, 61.468



19, 5.559, 246.980

Rectangle

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



19, 6.170, 61.468



19, 6.170, 111.468



19, 6.170, 241.468



19, 6.170, 291.468

Sweetspot

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



19, 6.170, 61.478



28, 2.059, 63.074



17, 9.544, 339.714



13, 1.481, 63.024



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



19, 6.170, 61.478



24, 9.418, 60.864



21, 8.914, 102.432



8, 1.102, 63.023



22, 38.705, 54.066



53, 79.440, 52.722

Inverse Universe

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



19, 5.559, 246.980



24, 8.217, 248.067



17, 9.285, 287.980



8, 1.077, 244.744



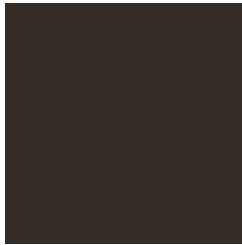
21, 25.903, 268.279



53, 52.560, 272.922

Previews

White Background



This preview shows how the CIELCh color 19, 6.170, 61.468 looks on a white background.

Color Contrast Check

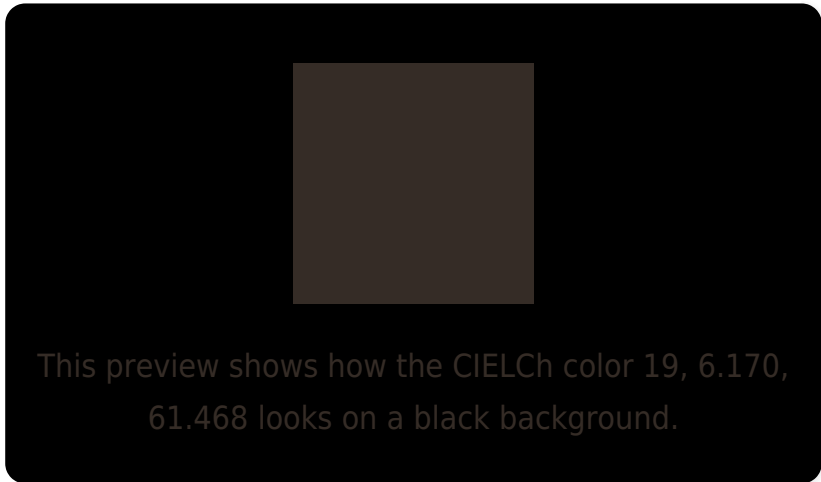
Large Text (above 18pt) WCAG AA ✓ Pass

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

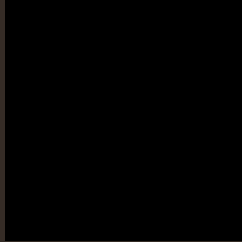
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 6.170, 61.468

Background



This preview shows how black text looks on a background with the CIELCh color 19, 6.170, 61.468.



This preview shows how white text looks on a background with the CIELCh color 19, 6.170, 61.468.

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

19, 6.170, 61.468

Protanopia

19, 5.002, 91.596

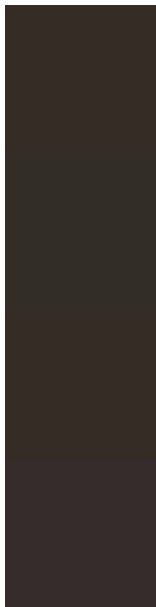
Deuteranopia

19, 6.170, 61.468



Tritanopia
19, 5.929, 353.357

Trichromacy



Original Color
19, 6.170, 61.468

Protanomaly
19, 5.096, 72.977

Deuteranomaly
19, 6.170, 61.468

Tritanomaly
19, 4.887, 20.440

Monochromacy



Original Color
19, 6.170, 61.468

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 2.371, 54.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 6.170, 61.468 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(53, 44, 38)` looks like.

```
.text, #text, p{  
    color:rgb(53, 44, 38)  
}
```

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(53, 44, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 44, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 6.170, 61.468 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(53, 44, 38) }
```

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

```
.border{ border-color:rgb(53, 44, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 44, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 44, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 44, 38);  
box-shadow:4px 4px 4px 4px rgb(53, 44, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 6.170, 61.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 44, 38) }
```

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

```
.background{ background-color: rgb(53, 44,  
38) }
```

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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