

Converting Colors

CIELCh(19, 7.245, 68.752)

Have a look what the booklet for
CIELCh(19, 7.245, 68.752) contains.

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Color

CIELCh(19, 7.176, 68.987)

Conversions

Conversions Part 1

Format	Color
Hex	362D25
RGB	54, 45, 37
RGB Percent	21%, 18%, 15%
CMY	0.7900, 0.8252, 0.8565
CMYK	0.00, 0.17, 0.32, 0.79
HSL	28°, 19%, 18%
HSV	28°, 32%, 21%
XYZ	2.7467, 2.7468, 2.1013
YIQ	46.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

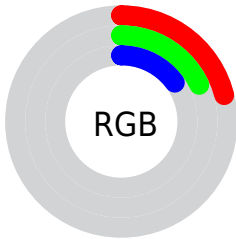
Format	Color
RYB	54, 52, 37
Decimal	3550501
CIELab	19.00, 2.57, 6.70
CIELCh	19, 7.176, 68.987
Yxy	2.7468, 0.3617, 0.3617
Android (android.graphics.Color)	4281740581 (0xFF362D25)
YUV	46.7790, -4.8210, 6.3328
Hunter-Lab	16.5735, 0.5783, 4.0844

Details

The CIELCh color **19, 7.176, 68.987** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18, 6.581, 256.185**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 7.062, 70.393**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 9.654, 67.991**, and if you desaturate by 10%, it is **20, 4.804, 69.995**.

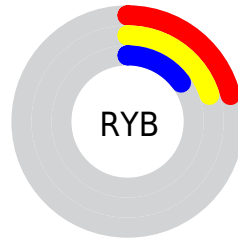
Distribution



Red (21%)

Green (18%)

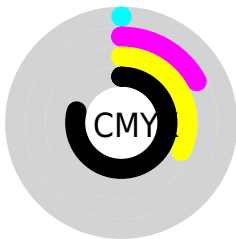
Blue (15%)



Red (21%)

Yellow (20%)

Blue (15%)

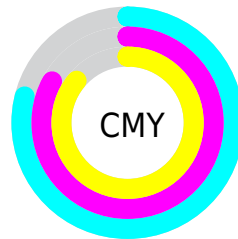


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (79%)



Cyan (79%)

Magenta (83%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 7.176, 68.987 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, 7.176, 68.987 by changing the saturation by 10% instead.

■ 19, 7.176, 68.987 ■ 19, 7.176, 68.987

■ 100, 7.176, 68.987 ■ 9, 7.176, 68.987

■ 39, 7.176, 68.987 ■ 0, 7.176, 68.987

■ 49, 7.176, 68.987

■ 59, 7.176, 68.987

■ 69, 7.176, 68.987

■ 79, 7.176, 68.987

■ 89, 7.176, 68.987

■ 99, 7.176, 68.987

■ 19, 7.176, 68.987 ■ 19, 7.176, 68.987

18, 9.654, 67.991	20, 4.804, 69.995
17, 12.237, 66.986	21, 2.533, 70.971
16, 14.918, 65.979	22, 0.356, 71.591
15, 17.342, 64.447	23, 1.733, 253.095
14, 19.193, 62.035	24, 3.744, 254.007
13, 20.828, 59.545	26, 5.683, 254.928
12, 22.207, 57.815	27, 7.559, 255.830
	28, 9.376, 256.707
	29, 11.142, 257.555

Harmonies

Complementary

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



19, 7.176, 68.987



18, 6.581, 256.185

Rectangle

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



19, 7.176, 68.987



19, 7.176, 118.987



19, 7.176, 248.987



19, 7.176, 298.987

Sweetspot

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



19, 7.176, 68.995



28, 2.667, 71.084



17, 10.214, 344.245



13, 1.840, 71.048



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, 7.176, 68.995



24, 10.816, 68.177



22, 10.901, 106.152



10, 1.239, 71.273



24, 38.983, 60.013



57, 77.258, 57.790

Inverse Universe

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



18, 6.581, 256.185



23, 9.670, 257.547



15, 11.570, 292.093



10, 1.216, 253.157



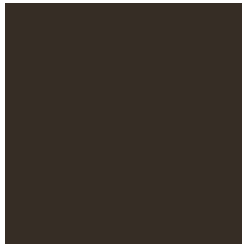
20, 30.268, 277.448



49, 61.411, 281.620

Previews

White Background



This preview shows how the CIELCh color 19, 7.176, 68.987 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 CIE LCh color 19, 7.176, 68.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

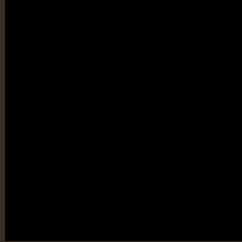
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 7.176, 68.987

Background



This preview shows how black text looks on a background with the CIELCh color 19, 7.176, 68.987.



This preview shows how white text looks on a background with the CIELCh color 19, 7.176, 68.987.

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

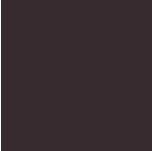
19, 7.176, 68.987

Protanopia

19, 6.319, 94.788

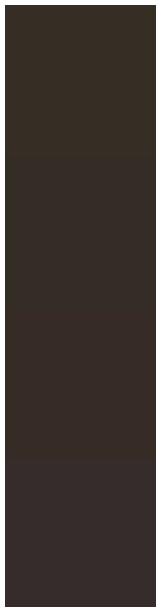
Deuteranopia

19, 7.049, 62.517



Tritanopia
19, 6.363, 355.518

Trichromacy



Original Color

19, 7.176, 68.987

Protanomaly

19, 6.272, 79.763

Deuteranomaly

19, 7.049, 62.517

Tritanomaly

19, 4.971, 28.265

Monochromacy



Original Color

19, 7.176, 68.987

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, 7.176, 68.987 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(54, 45, 37)` looks like.

```
.text, #text, p{  
    color:rgb(54, 45, 37)  
}
```

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(54, 45, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 45, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 7.176, 68.987 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(54, 45, 37) }
```

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

```
.border{ border-color:rgb(54, 45, 37) }
```

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

Here you see how a box with a 4 pixel rgb(54, 45, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 45, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 45, 37);  
box-shadow:4px 4px 4px 4px rgb(54, 45, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 7.176, 68.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 45, 37) }
```

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

```
.background{ background-color: rgb(54, 45,  
37) }
```

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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