

Converting Colors

CIELCh(38, 17.236, 327.182)

Have a look what the booklet for
CIELCh(38, 17.236, 327.182)
contains.

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Color

CIELCh(38, 17.199, 326.756)

Conversions

Conversions Part 1

Format	Color
Hex	6A5269
RGB	106, 82, 105
RGB Percent	42%, 32%, 41%
CMY	0.5848, 0.6789, 0.5888
CMYK	0.00, 0.23, 0.01, 0.58
HSL	302°, 13%, 37%
HSV	302°, 23%, 42%
XYZ	11.4782, 10.0881, 14.6706
YIQ	91.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

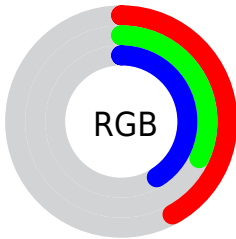
Format	Color
R_{YB}	106, 82, 105
Decimal	6967913
CIE _{Lab}	38.00, 14.38, -9.43
CIE _{LCh}	38, 17.199, 326.756
Yxy	10.0881, 0.3168, 0.2784
Android (android.graphics.Color)	4285157993 (0xFF6A5269)
YUV	91.7980, 6.5086, 12.4552
Hunter-Lab	31.7617, 8.9241, -5.1527

Details

The CIELCh color $[38, 17.199, 326.756]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[42, 17.182, 144.176]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 16.905, 327.490]$, and $[18, 17.105, 326.121]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 24.740, 327.280]$, and if you desaturate by 10%, it is $[41, 9.581, 326.221]$.

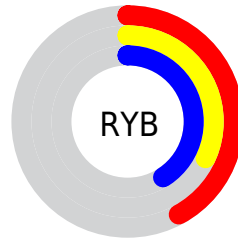
Distribution



Red (42%)

Green (32%)

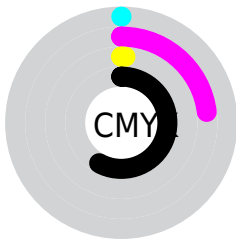
Blue (41%)



Red (42%)

Yellow (32%)

Blue (41%)

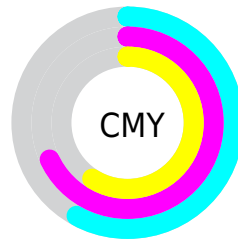


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (58%)



Cyan (58%)


Magenta (68%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 17.199, 326.756 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 38, 17.199, 326.756 by changing the saturation by 10% instead.


 38, 17.199,
326.756


 38, 17.199,
326.756


 100, 17.199,
326.756


 28, 17.199,
326.756

 58, 17.199,
326.756


 18, 17.199,
326.756


 68, 17.199,
326.756

 8, 17.199, 326.756

 78, 17.199,
326.756

 0, 17.199, 326.756

 88, 17.199,
326.756

 98, 17.199,
326.756

■ 38, 17.199,
326.756

■ 38, 17.199,
326.756

■ 35, 24.740,
327.280

■ 41, 9.581, 326.221

■ 44, 2.006, 325.629

■ 33, 32.049,
327.786

■ 47, 5.453, 145.228

■ 30, 38.916,
328.262

■ 50, 12.746,
144.710

■ 28, 45.089,
328.698

■ 53, 19.847,
144.223

■ 26, 50.299,
329.084

■ 57, 26.741,
143.761

■ 25, 54.303,
329.412

■ 60, 33.428,
143.323

■ 24, 56.986,
329.684

■ 63, 39.909,
142.910

■ 24, 58.690,

329.869

 66, 46.192,
142.521

Harmonies

Complementary

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



38, 17.199, 326.756



42, 17.182, 144.176

Rectangle

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



38, 17.199, 326.756



38, 17.199, 16.756



38, 17.199, 146.756



38, 17.199, 196.756

Sweetspot

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



38, 17.198, 326.756



55, 6.553, 325.919



36, 14.954, 293.781



28, 4.227, 325.938



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



38, 17.198, 326.756



47, 25.417, 327.024



38, 12.310, 347.429



21, 4.284, 326.019



27, 63.104, 329.889



57, 108.389, 329.991

Inverse Universe

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



38, 17.198, 326.756



47, 25.417, 327.024



43, 11.932, 163.570



21, 4.284, 326.019



27, 63.104, 329.889



57, 108.389, 329.991

Previews

White Background



This preview shows how the CIELCh color 38, 17.199, 326.756 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 × Fail

Black Background



This preview shows how the CIELCh color 38, 17.199, 326.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

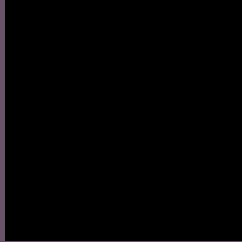
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 17.199, 326.756

Background



This preview shows how black text looks on a background with the CIELCh color 38, 17.199, 326.756.



This preview shows how white text looks on a background with the CIELCh color 38, 17.199, 326.756.

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


38, 17.199, 326.756

Protanopia

38, 12.966, 285.456

Deuteranopia

38, 10.701, 302.537



Tritanopia
38, 9.599, 354.348

Trichromacy



Original Color
38, 17.199, 326.756

Protanomaly
38, 13.890, 303.661

Deuteranomaly
38, 12.728, 314.249

Tritanomaly
38, 12.235, 340.609

Monochromacy



Original Color
38, 17.199, 326.756

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 6.707, 324.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 17.199, 326.756 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(106, 82, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 82, 105)  
}
```

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(106, 82, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 82, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 17.199, 326.756 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(106, 82, 105) }
```

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

```
.border{ border-color:rgb(106, 82, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 82, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 82, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 82, 105); box-shadow:4px 4px 4px 4px rgb(106, 82, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 17.199, 326.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 82, 105) }
```

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

```
.background{ background-color: rgb(106, 82,  
105) }
```

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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