

Converting Colors

CIELCh(38, 11.383, 326.615)

Have a look what the booklet for
CIELCh(38, 11.383, 326.615)
contains.

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Color

CIELCh(38, 11.150, 325.196)

Conversions

Conversions Part 1

Format	Color
Hex	645564
RGB	100, 85, 100
RGB Percent	39%, 33%, 39%
CMY	0.6085, 0.6673, 0.6085
CMYK	0.00, 0.15, 0.00, 0.61
HSL	300°, 8%, 36%
HSV	300°, 15%, 39%
XYZ	10.7649, 10.0881, 13.3941
YIQ	91.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

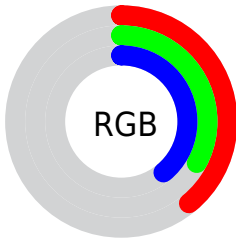
Format	Color
R_{YB}	100, 85, 100
Decimal	6575460
CIE Lab	38.00, 9.16, -6.36
CIE LCh	38, 11.150, 325.196
Yxy	10.0881, 0.3143, 0.2946
Android (android.graphics.Color)	4284765540 (0xFF645564)
YUV	91.1950, 4.3409, 7.7220
Hunter-Lab	31.7617, 4.9157, -2.7698

Details

The CIELCh color $[38, 11.150, 325.196]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[41, 11.137, 143.596]$, and the grayscale version is $[39, 0.005, 296.813]$.

A 20% lighter version of the original color is $[58, 11.026, 324.988]$, and $[18, 10.765, 325.563]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 18.605, 325.710]$, and if you desaturate by 10%, it is $[41, 3.707, 324.656]$.

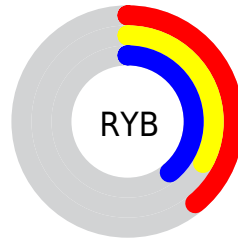
Distribution



Red (39%)

Green (33%)

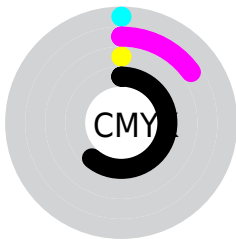
Blue (39%)



Red (39%)

Yellow (33%)

Blue (39%)

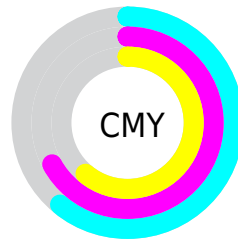


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (61%)



Cyan (61%)


Magenta (67%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 11.150, 325.196 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, 11.150, 325.196 by changing the saturation by 10% instead.


 38, 11.150,
325.196


 38, 11.150,
325.196

 100, 11.150,
325.196


 28, 11.150,
325.196

 58, 11.150,
325.196


 18, 11.150,
325.196


 68, 11.150,
325.196

 8, 11.150, 325.196

 78, 11.150,
325.196

 0, 11.150, 325.196

 88, 11.150,
325.196

 98, 11.150,
325.196

■ 38, 11.150,
325.196

■ 38, 11.150,
325.196

■ 35, 18.605,
325.710

■ 41, 3.707, 324.656

■ 33, 25.958,
326.206

■ 44, 3.636, 144.234

■ 30, 33.042,
326.674

■ 47, 10.828,
143.711

■ 28, 39.649,
327.101

■ 50, 17.837,
143.227

■ 26, 45.538,
327.472

■ 53, 24.646,
142.767

■ 25, 50.456,
327.775

■ 56, 31.249,
142.331


■ 24, 54.194,
328.001


■ 59, 37.648,
141.920

■ 23, 56.821,

■ 62, 43.849,
141.534

328.157

 65, 49.859,
141.173

 22, 58.089,
328.232

Harmonies

Complementary

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



38, 11.150, 325.196



41, 11.137, 143.596

Rectangle

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



38, 11.150, 325.196



38, 11.150, 15.196



38, 11.150, 145.196



38, 11.150, 195.196

Sweetspot

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



38, 11.149, 325.196



53, 4.590, 324.664



37, 9.138, 291.034



27, 3.157, 324.693



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



38, 11.149, 325.196



48, 16.623, 325.378



38, 7.967, 343.914



20, 4.229, 324.875



26, 64.101, 328.232



57, 111.164, 328.232

Inverse Universe

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



38, 6.567, 20.301



47, 9.909, 20.584



41, 7.836, 161.610



19, 2.443, 19.844



22, 55.896, 37.350



51, 100.591, 40.000

Previews

White Background



This preview shows how the CIELCh color 38, 11.150, 325.196 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, 11.150, 325.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

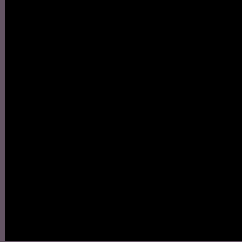
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 11.150, 325.196

Background



This preview shows how black text looks on a background with the CIELCh color 38, 11.150, 325.196.



This preview shows how white text looks on a background with the CIELCh color 38, 11.150, 325.196.

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, 11.150, 325.196

Protanopia

38, 8.023, 285.760

Deuteranopia

38, 7.966, 312.395



Tritanopia
38, 7.006, 342.602

Trichromacy



Original Color
38, 11.150, 325.196

Protanomaly
38, 8.897, 304.642

Deuteranomaly
38, 9.046, 318.400

Tritanomaly
38, 7.801, 335.422

Monochromacy



Original Color
38, 11.150, 325.196

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 3.739, 324.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 11.150, 325.196 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(100, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 85, 100)  
}
```

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(100, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 85, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 11.150, 325.196 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(100, 85, 100) }
```

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

```
.border{ border-color:rgb(100, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 85,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 11.150, 325.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 85, 100) }
```

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

```
.background{ background-color: rgb(100, 85,  
100) }
```

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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