

Converting Colors

CIELCh(38, 4.514, 84.731)

Have a look what the booklet for
CIELCh(38, 4.514, 84.731) contains.

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Color

CIELCh(38, 4.625, 87.216)

Conversions

Conversions Part 1

Format	Color
Hex	5D5952
RGB	93, 89, 82
RGB Percent	36%, 35%, 32%
CMY	0.6352, 0.6509, 0.6783
CMYK	0.00, 0.04, 0.12, 0.64
HSL	38°, 6%, 34%
HSV	38°, 12%, 36%
XYZ	9.6162, 10.0881, 9.4289
YIQ	89.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

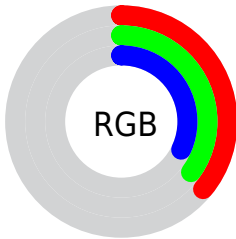
Format	Color
R_{YB}	88, 93, 82
Decimal	6117714
CIE Lab	38.00, 0.22, 4.62
CIE LCh	38, 4.625, 87.216
Yxy	10.0881, 0.3301, 0.3463
Android (android.graphics.Color)	4284307794 (0xFF5D5952)
YUV	89.3980, -3.6472, 3.1590
Hunter-Lab	31.7617, -1.5403, 4.6320

Details

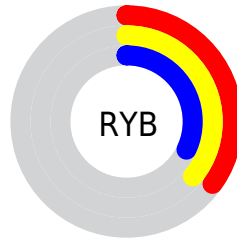
The CIELCh color $38, 4.625, 87.216$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36, 4.603, 270.138$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $58, 4.795, 90.079$, and $18, 5.037, 91.526$ is the 20% darker color. If you saturate the color by 10%, you get $37, 8.642, 86.040$, and if you desaturate by 10%, it is $39, 0.701, 88.217$.

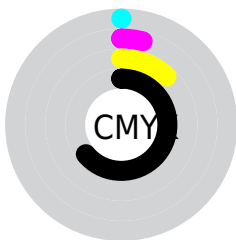
Distribution



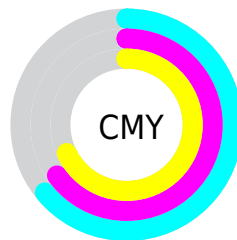
- Red (36%)
- Green (35%)
- Blue (32%)



- Red (35%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 4.625, 87.216 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, 4.625, 87.216 by changing the saturation by 10% instead.

 38, 4.625, 87.216  38, 4.625, 87.216

 100, 4.625, 87.216  28, 4.625, 87.216

 58, 4.625, 87.216  18, 4.625, 87.216

 68, 4.625, 87.216  8, 4.625, 87.216

 78, 4.625, 87.216  0, 4.625, 87.216

 88, 4.625, 87.216

 98, 4.625, 87.216

 38, 4.625, 87.216  38, 4.625, 87.216

 37, 8.642, 86.040  39, 0.701, 88.217

 36, 12.747, 84.804  41, 3.134, 269.608

34, 16.930, 83.533

42, 6.885, 270.667

33, 21.160, 82.225

43, 10.557,
271.699

32, 25.379, 80.872

45, 14.158,
272.689

31, 29.476, 79.449

30, 33.257, 77.902

46, 17.692,
273.635

29, 36.476, 76.162

47, 21.165,
274.536

28, 39.192, 74.919

49, 24.584,
275.393

50, 27.952,
276.207

Harmonies

Complementary

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



38, 4.625, 87.216



36, 4.603, 270.138

Rectangle

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



38, 4.625, 87.216



38, 4.625, 137.216



38, 4.625, 267.216



38, 4.625, 317.216

Sweetspot

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



38, 4.626, 87.231



50, 1.907, 88.073



36, 5.369, 352.486



25, 1.367, 88.019



77, 0.009, 296.813



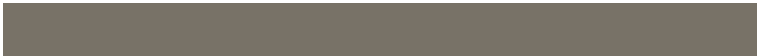
26, 0.004, 296.813

Same Dimension

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



38, 4.626, 87.231



48, 6.769, 86.927



39, 6.730, 114.574



18, 2.159, 87.575



33, 44.303, 74.381



70, 78.127, 72.263

Inverse Universe

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



36, 4.603, 270.138



46, 6.723, 270.489



35, 6.898, 296.306



17, 2.154, 269.752



18, 47.534, 292.915



42, 89.631, 295.442

Previews

White Background



This preview shows how the CIELCh color 38, 4.625, 87.216 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 CIE LCh color 38, 4.625, 87.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

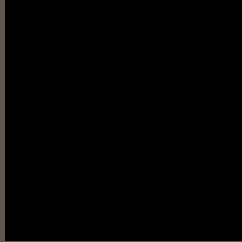
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

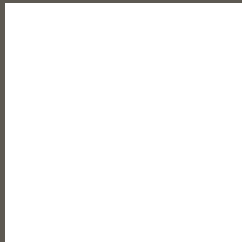
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 4.625, 87.216

Background



This preview shows how black text looks on a background with the CIELCh color 38, 4.625, 87.216.



This preview shows how white text looks on a background with the CIELCh color 38, 4.625, 87.216.

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

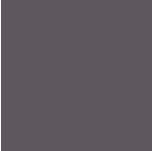
38, 4.625, 87.216

Protanopia

38, 4.625, 87.216

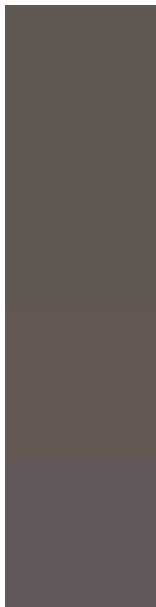
Deuteranopia

38, 6.890, 35.649



Tritanopia
38, 5.488, 328.470

Trichromacy



Original Color
38, 4.625, 87.216

Protanomaly
38, 4.625, 87.216

Deuteranomaly
38, 5.430, 46.698

Tritanomaly
38, 2.844, 354.143

Monochromacy



Original Color
38, 4.625, 87.216

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 1.883, 96.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 4.625, 87.216 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(93, 89, 82)` looks like.

```
.text, #text, p{  
    color:rgb(93, 89, 82)  
}
```

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(93, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 89, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 4.625, 87.216 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(93, 89, 82) }
```

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

```
.border{ border-color:rgb(93, 89, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 89, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(93, 89, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 4.625, 87.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 89, 82) }
```

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

```
.background{ background-color: rgb(93, 89,  
82) }
```

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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