

Converting Colors

CIELCh(38, 29.782, 318.791)

Have a look what the booklet for
CIELCh(38, 29.782, 318.791)
contains.

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Color

CIELCh(38, 29.782, 318.791)

Conversions

Conversions Part 1

Format	Color
Hex	6E4D79
RGB	110, 77, 121
RGB Percent	43%, 30%, 47%
CMY	0.5671, 0.6966, 0.5240
CMYK	0.09, 0.36, 0.00, 0.52
HSL	285°, 22%, 39%
HSV	285°, 36%, 48%
XYZ	12.6324, 10.0881, 19.4949
YIQ	91.8830, 5.5440, 20.6800

Conversions

Conversions Part 2

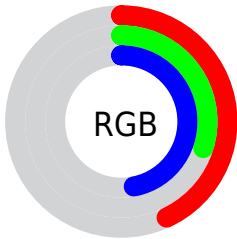
Format	Color
R_{YB}	110, 77, 121
Decimal	7228793
CIE _{Lab}	38.00, 22.41, -19.62
CIE _{LCh}	38, 29.782, 318.791
Yxy	10.0881, 0.2992, 0.2390
Android (android.graphics.Color)	4285418873 (0xFF6E4D79)
YUV	91.8830, 14.3547, 15.8886
Hunter-Lab	31.7617, 15.4109, -14.1581

Details

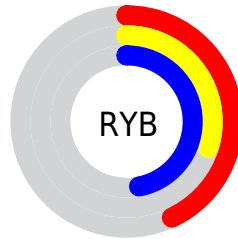
The CIELCh color $[38, 29.782, 318.791]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[47, 29.179, 135.523]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 29.664, 318.278]$, and $[18, 29.361, 318.579]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 37.923, 319.172]$, and if you desaturate by 10%, it is $[41, 21.498, 318.379]$.

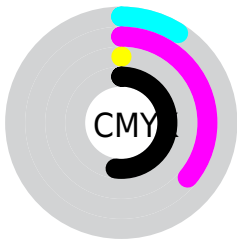
Distribution



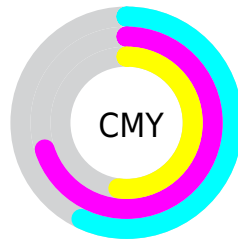
- Red (43%)
- Green (30%)
- Blue (47%)



- Red (43%)
- Yellow (30%)
- Blue (47%)



- Cyan (9%)
- Magenta (36%)
- Yellow (0%)
- Black (52%)





- Cyan (57%)
- Magenta (70%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 29.782, 318.791 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, 29.782, 318.791 by changing the saturation by 10% instead.


 38, 29.782,
318.791


 38, 29.782,
318.791

 100, 29.782,
318.791


 28, 29.782,
318.791

 58, 29.782,
318.791


 18, 29.782,
318.791


 68, 29.782,
318.791

 8, 29.782, 318.791

 78, 29.782,
318.791

 0, 29.782, 318.791

 88, 29.782,
318.791

 98, 29.782,
318.791

■ 38, 29.782,
318.791

■ 38, 29.782,
318.791

■ 35, 37.923,
319.172

■ 41, 21.498,
318.379

■ 32, 45.714,
319.493

■ 45, 13.223,
317.956

■ 29, 52.865,
319.718

■ 49, 5.050, 317.525

■ 26, 59.024,
319.802

■ 52, 2.964, 137.198

■ 24, 63.825,
319.696

■ 56, 10.785,
136.786

■ 23, 67.201,
319.395

■ 60, 18.398,
136.428

■ 22, 68.436,
319.292

■ 64, 25.796,
136.099

■ 67, 32.983,
135.798

■ 71, 39.962,
135.523

Harmonies

Complementary

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



38, 29.782, 318.791



47, 29.179, 135.523

Rectangle

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



38, 29.782, 318.791



38, 29.782, 8.791



38, 29.782, 138.791



38, 29.782, 188.791

Sweetspot

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



38, 29.781, 318.791



60, 11.053, 317.743



38, 20.543, 282.515



30, 7.393, 317.788



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



38, 29.781, 318.791



46, 44.797, 319.129



39, 26.601, 334.728



24, 4.581, 317.648



23, 69.881, 319.268



49, 117.889, 318.833

Inverse Universe

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



38, 20.269, 3.587



46, 30.831, 5.032



47, 26.414, 149.521



24, 3.009, 0.277



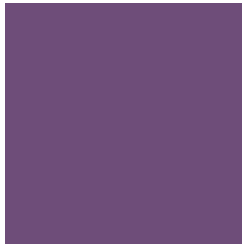
25, 52.374, 23.385



53, 90.174, 26.676

Previews

White Background



This preview shows how the CIELCh color 38, 29.782, 318.791 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 38, 29.782, 318.791 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, 29.782, 318.791

Background



This preview shows how black text looks on a background with the CIELCh color 38, 29.782, 318.791.



This preview shows how white text looks on a background with the CIELCh color 38, 29.782, 318.791.

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, 29.782, 318.791

Protanopia

38, 25.971, 285.284

Deuteranopia

38, 19.134, 286.652



Tritanopia
38, 10.183, 359.857

Trichromacy



Original Color
38, 29.782, 318.791

Protanomaly
38, 26.617, 298.003

Deuteranomaly
38, 22.473, 301.100

Tritanomaly
38, 15.865, 334.615

Monochromacy



Original Color
38, 29.782, 318.791

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 11.023, 317.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 29.782, 318.791 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(110, 77, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 77, 121)  
}
```

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(110, 77, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 77, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 29.782, 318.791 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(110, 77, 121) }
```

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

```
.border{ border-color:rgb(110, 77, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 77, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 77, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 77, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 77,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 29.782, 318.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 77, 121) }
```

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

```
.background{ background-color: rgb(110, 77,  
121) }
```

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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