

Converting Colors

CIELCh(38, 30.541, 320.056)

Have a look what the booklet for
CIELCh(38, 30.541, 320.056)
contains.

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Color

CIELCh(38, 30.064, 320.202)

Conversions

Conversions Part 1

Format	Color
Hex	704D79
RGB	112, 77, 121
RGB Percent	44%, 30%, 47%
CMY	0.5616, 0.6988, 0.5263
CMYK	0.07, 0.36, 0.00, 0.53
HSL	288°, 22%, 39%
HSV	288°, 36%, 47%
XYZ	12.7356, 10.0881, 19.2998
YIQ	92.4810, 6.7360, 21.1040

Conversions

Conversions Part 2

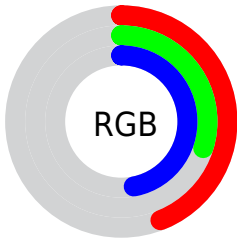
Format	Color
R_{YB}	112, 77, 121
Decimal	7359865
CIE _{Lab}	38.00, 23.10, -19.24
CIE _{LCh}	38, 30.064, 320.202
Yxy	10.0881, 0.3023, 0.2395
Android (android.graphics.Color)	4285549945 (0xFF704D79)
YUV	92.4810, 14.0599, 17.1182
Hunter-Lab	31.7617, 15.9909, -13.7941

Details

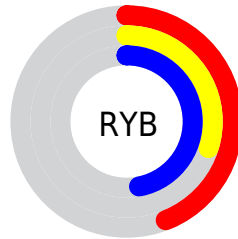
The CIELCh color **38, 30.064, 320.202** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 29.590, 136.796**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 29.470, 320.105**, and **18, 30.278, 320.346** is the 20% darker color. If you saturate the color by 10%, you get **35, 38.176, 320.583**, and if you desaturate by 10%, it is **41, 21.768, 319.787**.

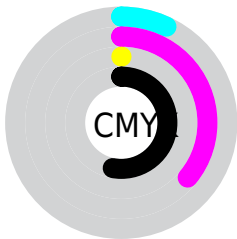
Distribution



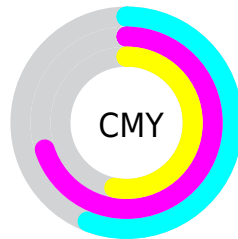
- Red (44%)
- Green (30%)
- Blue (47%)



- Red (44%)
- Yellow (30%)
- Blue (47%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)





- Cyan (56%)
- Magenta (70%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 30.064, 320.202 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, 30.064, 320.202 by changing the saturation by 10% instead.


 38, 30.064,
320.202


 38, 30.064,
320.202

 100, 30.064,
320.202


 28, 30.064,
320.202

 58, 30.064,
320.202


 18, 30.064,
320.202


 68, 30.064,
320.202

 8, 30.064, 320.202

 78, 30.064,
320.202

 0, 30.064, 320.202

 88, 30.064,
320.202

 98, 30.064,
320.202

■ 38, 30.064,
320.202

■ 38, 30.064,
320.202

■ 35, 38.176,
320.583

■ 41, 21.768,
319.787

■ 32, 45.884,
320.904

■ 45, 13.449,
319.356

■ 29, 52.895,
321.130

■ 48, 5.213, 318.915

■ 27, 58.862,
321.224

■ 52, 2.875, 138.579

■ 25, 63.445,
321.143

■ 56, 10.776,
138.149

■ 24, 66.624,
320.888

■ 59, 18.470,
137.772

■ 23, 67.738,
320.802

■ 63, 25.949,
137.424

■ 67, 33.212,
137.103

■ 70, 40.266,
136.808

Harmonies

Complementary

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



38, 30.064, 320.202



47, 29.590, 136.796

Rectangle

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



38, 30.064, 320.202



38, 30.064, 10.202



38, 30.064, 140.202



38, 30.064, 190.202

Sweetspot

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



38, 30.063, 320.202



60, 11.190, 319.132



37, 21.416, 284.567



30, 7.484, 319.178



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, 30.063, 320.202



46, 45.148, 320.536



39, 26.003, 336.125



24, 4.638, 319.035



24, 69.409, 320.778



51, 117.023, 320.406

Inverse Universe

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



38, 20.074, 6.979



46, 30.625, 8.432



47, 25.751, 150.731



24, 2.955, 3.637



25, 53.729, 27.070



53, 92.880, 30.249

Previews

White Background



This preview shows how the CIELCh color 38, 30.064, 320.202 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, 30.064, 320.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

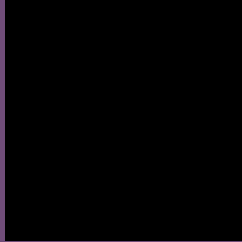
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 30.064, 320.202

Background



This preview shows how black text looks on a background with the CIELCh color 38, 30.064, 320.202.



This preview shows how white text looks on a background with the CIELCh color 38, 30.064, 320.202.

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, 30.064, 320.202

Protanopia

38, 25.971, 285.284

Deuteranopia

38, 19.106, 287.705



Tritanopia
38, 11.211, 358.706

Trichromacy



Original Color
38, 30.064, 320.202

Protanomaly
38, 26.617, 298.003

Deuteranomaly
38, 22.523, 302.040

Tritanomaly
38, 16.868, 335.404

Monochromacy



Original Color
38, 30.064, 320.202

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 11.228, 319.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 30.064, 320.202 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(112, 77, 121)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 77, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 77, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 30.064, 320.202 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(112, 77, 121) }
```

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

```
.border{ border-color:rgb(112, 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(112, 77, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 77, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 77, 121);  
box-shadow:4px 4px 4px 4px rgb(112, 77,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 30.064, 320.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 77, 121) }
```

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

```
.background{ background-color: rgb(112, 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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