

Converting Colors

CIELCh(38, 25.490, 340.609)

Have a look what the booklet for
CIELCh(38, 25.490, 340.609)
contains.

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Color

CIELCh(38, 25.644, 340.200)

Conversions

Conversions Part 1

Format	Color
Hex	794B68
RGB	121, 75, 104
RGB Percent	47%, 29%, 41%
CMY	0.5256, 0.7060, 0.5923
CMYK	0.00, 0.38, 0.14, 0.53
HSL	322°, 23%, 38%
HSV	322°, 38%, 47%
XYZ	12.8900, 10.0881, 14.3544
YIQ	92.0600, 18.1070, 18.7710

Conversions

Conversions Part 2

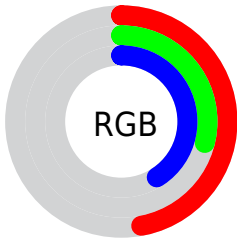
Format	Color
R_{YB}	121, 75, 104
Decimal	7949160
CIE Lab	38.00, 24.13, -8.69
CIE LCh	38, 25.644, 340.200
Yxy	10.0881, 0.3453, 0.2702
Android (android.graphics.Color)	4286139240 (0xFF794B68)
YUV	92.0600, 5.8864, 25.3804
Hunter-Lab	31.7617, 16.8585, -4.5624

Details

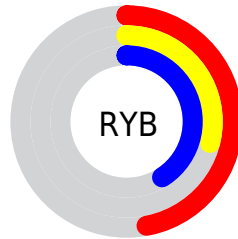
The CIELCh color $[38, 25.644, 340.200]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[47, 25.144, 154.010]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 25.306, 340.288]$, and $[18, 25.686, 340.065]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 32.077, 341.166]$, and if you desaturate by 10%, it is $[41, 18.932, 339.326]$.

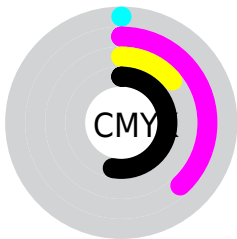
Distribution



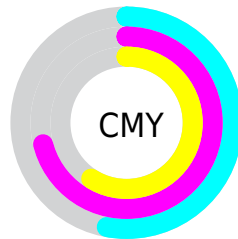
- Red (47%)
- Green (29%)
- Blue (41%)



- Red (47%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (14%)
- Black (53%)





- Cyan (53%)
- Magenta (71%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 25.644, 340.200 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, 25.644, 340.200 by changing the saturation by 10% instead.


 38, 25.644,
340.200


 38, 25.644,
340.200

 100, 25.644,
340.200


 28, 25.644,
340.200

 58, 25.644,
340.200


 18, 25.644,
340.200


 68, 25.644,
340.200

 8, 25.644, 340.200

 78, 25.644,
340.200

 0, 25.644, 340.200

 88, 25.644,
340.200

 98, 25.644,
340.200

■ 38, 25.644,
340.200

■ 38, 25.644,
340.200

■ 35, 32.077,
341.166

■ 41, 18.932,
339.326

■ 32, 37.993,
342.250

■ 45, 12.129,
338.519

■ 30, 43.094,
343.499

■ 48, 5.359, 337.754

■ 28, 47.070,
344.973

■ 52, 1.299, 157.304

■ 55, 7.797, 156.501

■ 27, 49.669,
346.756

■ 59, 14.110,
155.885

■ 26, 51.134,
348.836

■ 62, 20.230,
155.315

■ 26, 51.429,
349.244

■ 66, 26.157,
154.782

■ 70, 31.898,
154.282

Harmonies

Complementary

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



38, 25.644, 340.200



47, 25.144, 154.010

Rectangle

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



38, 25.644, 340.200



38, 25.644, 30.200



38, 25.644, 160.200



38, 25.644, 210.200

Sweetspot

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



38, 25.642, 340.201



60, 9.172, 338.002



35, 29.409, 306.535



30, 6.134, 338.081



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, 25.642, 340.201



46, 38.300, 341.077



37, 20.898, 12.643



24, 3.802, 337.835



26, 52.608, 349.340



55, 87.683, 350.920

Inverse Universe

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



38, 25.642, 340.201



46, 38.300, 341.077



47, 17.330, 185.381



24, 3.802, 337.835



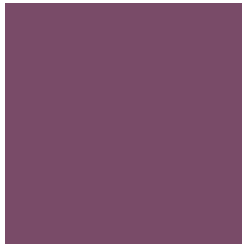
26, 52.608, 349.340



55, 87.683, 350.920

Previews

White Background



This preview shows how the CIELCh color 38, 25.644, 340.200 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, 25.644, 340.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

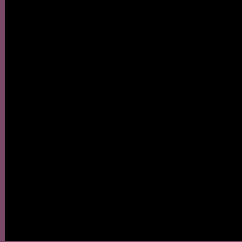
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 25.644, 340.200

Background



This preview shows how black text looks on a background with the CIELCh color 38, 25.644, 340.200.



This preview shows how white text looks on a background with the CIELCh color 38, 25.644, 340.200.

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, 25.644, 340.200

Protanopia

38, 14.824, 285.230

Deuteranopia

38, 8.880, 304.635



Tritanopia
38, 18.063, 10.696

Trichromacy



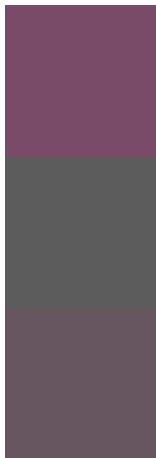
Original Color
38, 25.644, 340.200

Protanomaly
38, 16.898, 310.123

Deuteranomaly
38, 14.809, 325.428

Tritanomaly
38, 19.895, 357.431

Monochromacy



Original Color
38, 25.644, 340.200

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 9.441, 340.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 25.644, 340.200 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(121, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(121, 75, 104)  
}
```

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(121, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 75, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 25.644, 340.200 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(121, 75, 104) }
```

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

```
.border{ border-color:rgb(121, 75, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 75, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(121, 75,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 25.644, 340.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 75, 104) }
```

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

```
.background{ background-color: rgb(121, 75,  
104) }
```

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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