

Converting Colors

CIELCh(30, 21.411, 338.360)

Have a look what the booklet for
CIELCh(30, 21.411, 338.360)
contains.

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Color

CIELCh(30, 21.466, 338.379)

Conversions

Conversions Part 1

Format	Color
Hex	5F3B53
RGB	95, 59, 83
RGB Percent	37%, 23%, 33%
CMY	0.6262, 0.7675, 0.6734
CMYK	0.00, 0.38, 0.13, 0.63
HSL	320°, 23%, 30%
HSV	320°, 38%, 37%
XYZ	7.9028, 6.2359, 9.0306
YIQ	72.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

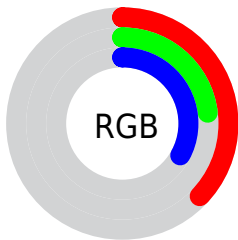
Format	Color
R_{YB}	95, 59, 83
Decimal	6241107
CIE _{Lab}	30.00, 19.96, -7.91
CIE _{LCh}	30, 21.466, 338.379
Yxy	6.2359, 0.3411, 0.2691
Android (android.graphics.Color)	4284431187 (0xFF5F3B53)
YUV	72.5000, 5.1765, 19.7325
Hunter-Lab	24.9718, 12.7891, -3.9609




Details

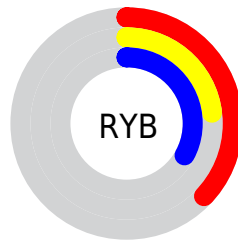
The CIELCh color **30, 21.466, 338.379** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **37, 21.149, 152.649**, and the grayscale version is **31, 0.005, 296.813**.




A 20% lighter version of the original color is **50, 21.202, 338.761**, and **10, 21.674, 338.994** is the 20% darker color. If you saturate the color by 10%, you get **28, 26.905, 339.239**, and if you desaturate by 10%, it is **33, 15.812, 337.587**.

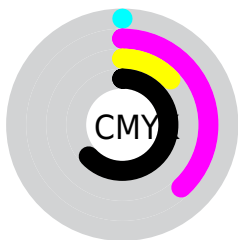
Distribution







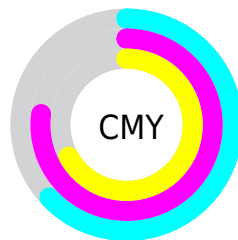
-  Red (37%)
-  Green (23%)
-  Blue (33%)






-  Red (37%)
-  Yellow (23%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (13%)
-  Black (63%)





-  Cyan (63%)
-  Magenta (77%)
-  Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 21.466, 338.379 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 30, 21.466, 338.379 by changing the saturation by 10% instead.


 30, 21.466,
338.379


 30, 21.466,
338.379

 100, 21.466,
338.379


 20, 21.466,
338.379


 50, 21.466,
338.379


 10, 21.466,
338.379

 60, 21.466,
338.379

 0, 21.466, 338.379

 70, 21.466,
338.379

 80, 21.466,
338.379

 90, 21.466,
338.379

■ 30, 21.466,
338.379

■ 30, 21.466,
338.379

■ 28, 26.905,
339.239

■ 33, 15.812,
337.587

■ 25, 31.948,
340.185

■ 35, 10.087,
336.846

■ 23, 36.364,
341.249

■ 38, 4.388, 336.134

■ 22, 39.911,
342.474

■ 41, 1.224, 155.703

■ 44, 6.710, 154.960

■ 20, 42.374,
343.919

■ 47, 12.048,
154.375

■ 20, 44.140,
345.504

■ 50, 17.231,
153.831

■ 19, 44.559,
345.839

■ 53, 22.259,
153.321

■ 56, 27.134,
152.840

Harmonies

Complementary

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



30, 21.466, 338.379



37, 21.149, 152.649

Rectangle

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



30, 21.466, 338.379



30, 21.466, 28.379



30, 21.466, 158.379



30, 21.466, 208.379

Sweetspot

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



30, 21.465, 338.380



48, 7.760, 336.387



28, 23.905, 305.356



24, 5.258, 336.449



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



30, 21.465, 338.380



37, 31.710, 339.116



29, 17.062, 9.904



18, 3.204, 336.213



24, 49.798, 346.306



53, 86.030, 347.859

Inverse Universe

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



30, 21.465, 338.380



37, 31.710, 339.116



38, 14.479, 182.659



18, 3.204, 336.213



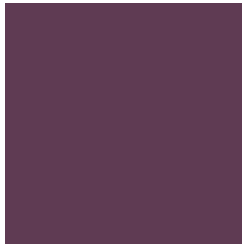
24, 49.798, 346.306



53, 86.030, 347.859

Previews

White Background



This preview shows how the CIELCh color 30, 21.466, 338.379 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 CIELCh color 30, 21.466, 338.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

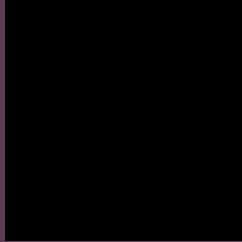
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 21.466, 338.379

Background



This preview shows how black text looks on a background with the CIELCh color 30, 21.466, 338.379.



This preview shows how white text looks on a background with the CIELCh color 30, 21.466, 338.379.

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


30, 21.466, 338.379

Protanopia

30, 13.491, 286.058

Deuteranopia

30, 8.528, 302.962



Tritanopia
30, 14.599, 9.658

Trichromacy



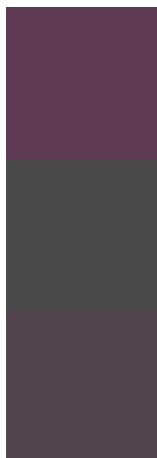
Original Color
30, 21.466, 338.379

Protanomaly
30, 14.880, 310.156

Deuteranomaly
30, 12.875, 323.809

Tritanomaly
30, 16.520, 355.247

Monochromacy



Original Color
30, 21.466, 338.379

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 8.089, 335.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 21.466, 338.379 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(95, 59, 83)` looks like.

```
.text, #text, p{  
    color:rgb(95, 59, 83)  
}
```

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(95, 59, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 59, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 21.466, 338.379 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(95, 59, 83) }
```

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

```
.border{ border-color:rgb(95, 59, 83) }
```

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

Here you see how a box with a 4 pixel rgb(95, 59, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 59, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 59, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 59, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 21.466, 338.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 59, 83) }
```

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

```
.background{ background-color: rgb(95, 59,  
83) }
```

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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