

Converting Colors

CIELCh(37, 20.807, 316.804)

Have a look what the booklet for
CIELCh(37, 20.807, 316.804)
contains.

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Color

CIELCh(37, 21.097, 317.177)

Conversions

Conversions Part 1

Format	Color
Hex	654F6E
RGB	101, 79, 110
RGB Percent	40%, 31%, 43%
CMY	0.6030, 0.6893, 0.5677
CMYK	0.08, 0.28, 0.00, 0.57
HSL	283°, 16%, 37%
HSV	283°, 28%, 43%
XYZ	11.0352, 9.5379, 16.0819
YIQ	89.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

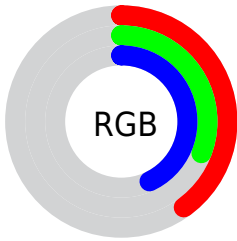
Format	Color
R_{YB}	101, 79, 110
Decimal	6639470
CIE _{Lab}	37.00, 15.47, -14.34
CIE _{LCh}	37, 21.097, 317.177
Yxy	9.5379, 0.3011, 0.2602
Android (android.graphics.Color)	4284829550 (0xFF654F6E)
YUV	89.1120, 10.2978, 10.4258
Hunter-Lab	30.8835, 9.7351, -9.2555

Details

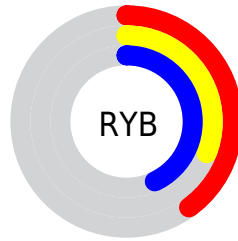
The CIELCh color $37, 21.097, 317.177$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $44, 20.696, 134.782$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 21.461, 316.790$, and $17, 21.120, 317.858$ is the 20% darker color. If you saturate the color by 10%, you get $34, 28.707, 317.583$, and if you desaturate by 10%, it is $40, 13.497, 316.760$.

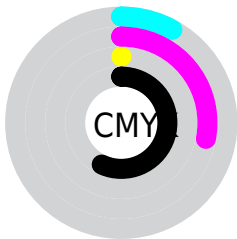
Distribution



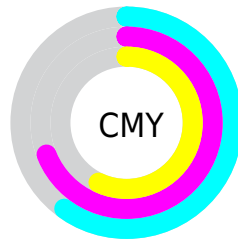
- Red (40%)
- Green (31%)
- Blue (43%)



- Red (40%)
- Yellow (31%)
- Blue (43%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (57%)





- Cyan (60%)
- Magenta (69%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 21.097, 317.177 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 37, 21.097, 317.177 by changing the saturation by 10% instead.


 37, 21.097,
317.177


 37, 21.097,
317.177

 100, 21.097,
317.177


 27, 21.097,
317.177

 57, 21.097,
317.177


 17, 21.097,
317.177


 67, 21.097,
317.177

 7, 21.097, 317.177

 77, 21.097,
317.177

 0, 21.097, 317.177

 87, 21.097,
317.177

 97, 21.097,
317.177

■ 37, 21.097,
317.177

■ 37, 21.097,
317.177

■ 34, 28.707,
317.583

■ 40, 13.497,
316.760

■ 31, 36.201,
317.959

■ 44, 5.996, 316.342

■ 47, 1.357, 136.058

■ 28, 43.384,
318.274

■ 51, 8.534, 135.616

■ 25, 49.992,
318.489

■ 54, 15.521,
135.267

■ 23, 55.696,
318.555

■ 58, 22.313,
134.948

■ 21, 60.148,
318.417

■ 61, 28.913,
134.659

■ 19, 63.607,
318.137

■ 65, 35.326,
134.396

■ 19, 64.288,

318.099

 68, 41.559,
134.159

Harmonies

Complementary

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



37, 21.097, 317.177



44, 20.696, 134.782

Rectangle

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



37, 21.097, 317.177



37, 21.097, 7.177



37, 21.097, 137.177



37, 21.097, 187.177

Sweetspot

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



37, 21.096, 317.177



56, 7.297, 316.345



38, 13.712, 277.621



28, 5.155, 316.397



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



37, 21.096, 317.177



45, 31.624, 317.454



38, 19.788, 332.223



22, 4.212, 316.380



21, 68.263, 318.017



47, 116.920, 317.505

Inverse Universe

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



37, 14.536, 359.501



46, 21.924, 0.403



44, 19.702, 148.563



22, 2.849, 357.377



24, 49.797, 19.617



52, 86.674, 23.126

Previews

White Background



This preview shows how the CIELCh color 37, 21.097, 317.177 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 37, 21.097, 317.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

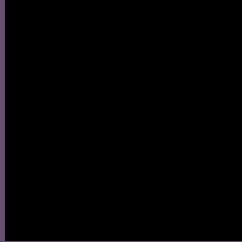
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 21.097, 317.177

Background



This preview shows how black text looks on a background with the CIELCh color 37, 21.097, 317.177.



This preview shows how white text looks on a background with the CIELCh color 37, 21.097, 317.177.

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


37, 21.097, 317.177

Protanopia

37, 18.027, 284.916

Deuteranopia

37, 14.857, 291.083



Tritanopia
37, 7.743, 346.716

Trichromacy



Original Color
37, 21.097, 317.177

Protanomaly
37, 18.018, 296.587

Deuteranomaly
37, 16.395, 302.188

Tritanomaly
37, 11.688, 328.740

Monochromacy



Original Color
37, 21.097, 317.177

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 8.155, 315.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 21.097, 317.177 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(101, 79, 110)` looks like.

```
.text, #text, p{  
    color:rgb(101, 79, 110)  
}
```

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(101, 79, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 79, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 21.097, 317.177 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(101, 79, 110) }
```

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

```
.border{ border-color:rgb(101, 79, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 79, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 79, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 79, 110);  
box-shadow:4px 4px 4px 4px rgb(101, 79,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 21.097, 317.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 79, 110) }
```

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

```
.background{ background-color: rgb(101, 79,  
110) }
```

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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