

Converting Colors

CIELCh(37, 20.542, 327.278)

Have a look what the booklet for
CIELCh(37, 20.542, 327.278)
contains.

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Color

CIELCh(37, 20.363, 327.797)

Conversions

Conversions Part 1

Format	Color
Hex	6B4E69
RGB	107, 78, 105
RGB Percent	42%, 31%, 41%
CMY	0.5814, 0.6951, 0.5892
CMYK	0.00, 0.27, 0.02, 0.58
HSL	304°, 16%, 36%
HSV	304°, 27%, 42%
XYZ	11.2754, 9.5379, 14.5419
YIQ	89.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

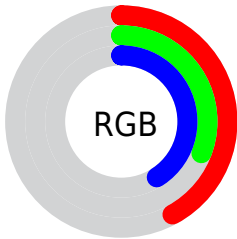
Format	Color
R_{YB}	107, 78, 105
Decimal	7032425
CIE _{Lab}	37.00, 17.23, -10.85
CIE _{LCh}	37, 20.363, 327.797
Yxy	9.5379, 0.3189, 0.2698
Android (android.graphics.Color)	4285222505 (0xFF6B4E69)
YUV	89.7490, 7.5187, 15.1291
Hunter-Lab	30.8835, 11.1231, -6.2989

Details

The CIELCh color $[37, 20.363, 327.797]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[42, 20.344, 144.592]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 20.564, 328.212]$, and $[17, 20.469, 327.575]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 27.738, 328.332]$, and if you desaturate by 10%, it is $[40, 12.849, 327.253]$.

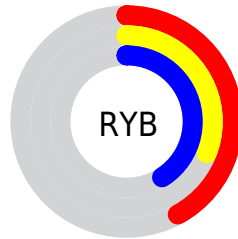
Distribution



Red (42%)

Green (31%)

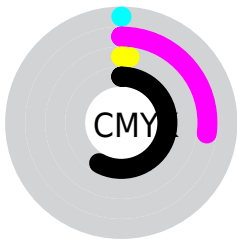
Blue (41%)



Red (42%)

Yellow (31%)

Blue (41%)

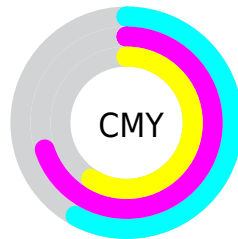


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (58%)



Cyan (58%)


Magenta (70%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 20.363, 327.797 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, 20.363, 327.797 by changing the saturation by 10% instead.


 37, 20.363,
327.797


 37, 20.363,
327.797

 100, 20.363,
327.797


 27, 20.363,
327.797

 57, 20.363,
327.797


 17, 20.363,
327.797


 67, 20.363,
327.797

 7, 20.363, 327.797

 77, 20.363,
327.797

 0, 20.363, 327.797

 87, 20.363,
327.797

 97, 20.363,
327.797

37, 20.363,
327.797

37, 20.363,
327.797

34, 27.738,
328.332

40, 12.849,
327.253

32, 34.797,
328.849

43, 5.333, 326.697

46, 2.096, 146.285

29, 41.309,
329.340

49, 9.379, 145.706

27, 47.008,
329.797

52, 16.482,
145.203

26, 51.625,
330.213

56, 23.386,
144.725

25, 54.946,
330.587


59, 30.086,
144.272

24, 57.201,
330.928

62, 36.582,
143.843

24, 57.841,

331.023

 65, 42.880,
143.438

Harmonies

Complementary

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



37, 20.363, 327.797



42, 20.344, 144.592

Rectangle

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



37, 20.363, 327.797



37, 20.363, 17.797



37, 20.363, 147.797



37, 20.363, 197.797

Sweetspot

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



37, 20.362, 327.797



54, 7.354, 326.758



34, 18.214, 295.474



27, 5.191, 326.825



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



37, 20.362, 327.797



45, 30.430, 328.158



36, 14.617, 349.888



21, 4.205, 326.801



26, 61.820, 331.054



57, 106.053, 331.234

Inverse Universe

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



37, 20.362, 327.797



45, 30.430, 328.158



43, 13.994, 165.006



21, 4.205, 326.801



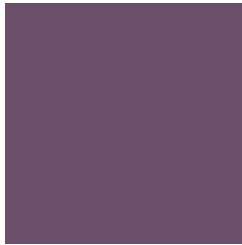
26, 61.820, 331.054



57, 106.053, 331.234

Previews

White Background



This preview shows how the CIELCh color 37, 20.363, 327.797 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, 20.363, 327.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

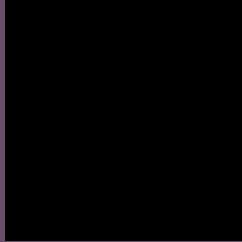
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 20.363, 327.797

Background



This preview shows how black text looks on a background with the CIELCh color 37, 20.363, 327.797.



This preview shows how white text looks on a background with the CIELCh color 37, 20.363, 327.797.

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, 20.363, 327.797

Protanopia

37, 15.519, 285.738

Deuteranopia

37, 11.231, 298.018



Tritanopia
37, 10.659, 0.860

Trichromacy



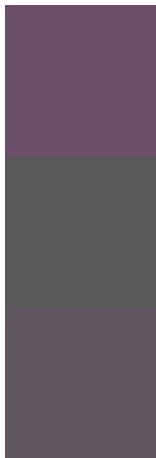
Original Color
37, 20.363, 327.797

Protanomaly
37, 16.395, 302.188

Deuteranomaly
37, 14.652, 313.037

Tritanomaly
37, 13.291, 344.529

Monochromacy



Original Color
37, 20.363, 327.797

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 7.485, 324.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 20.363, 327.797 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(107, 78, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 78, 105)  
}
```

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(107, 78, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 78, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 20.363, 327.797 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(107, 78, 105) }
```

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

```
.border{ border-color:rgb(107, 78, 105) }
```

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

Here you see how a box with a 4 pixel rgb(107, 78, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 78, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 78, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 78,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 20.363, 327.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 78, 105) }
```

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

```
.background{ background-color: rgb(107, 78,  
105) }
```

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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