

Converting Colors

CIELCh(36, 24.311, 351.945)

Have a look what the booklet for
CIELCh(36, 24.311, 351.945)
contains.

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Color

CIELCh(36, 24.321, 351.932)

Conversions

Conversions Part 1

Format	Color
Hex	77465B
RGB	119, 70, 91
RGB Percent	47%, 27%, 36%
CMY	0.5343, 0.7264, 0.6440
CMYK	0.00, 0.41, 0.24, 0.53
HSL	334°, 26%, 37%
HSV	334°, 41%, 47%
XYZ	11.6287, 9.0082, 10.9718
YIQ	87.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

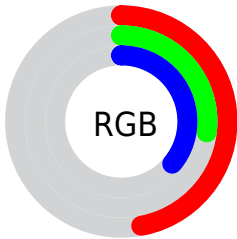
Format	Color
R_{YB}	119, 70, 91
Decimal	7816795
CIE _{Lab}	36.00, 24.08, -3.41
CIE _{LCh}	36, 24.321, 351.932
Yxy	9.0082, 0.3679, 0.2850
Android (android.graphics.Color)	4286006875 (0xFF77465B)
YUV	87.0450, 1.9498, 28.0245
Hunter-Lab	30.0136, 16.6353, -0.6647

Details

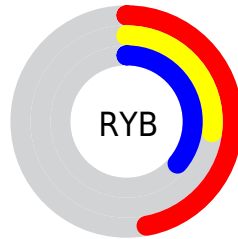
The CIELCh color $[36, 24.321, 351.932]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[46, 22.732, 163.685]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 24.364, 351.599]$, and $[16, 24.454, 352.474]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 30.063, 353.412]$, and if you desaturate by 10%, it is $[39, 18.370, 350.675]$.

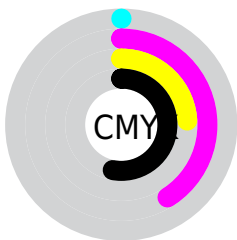
Distribution



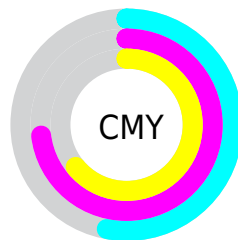
- Red (47%)
- Green (27%)
- Blue (36%)



- Red (47%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (53%)




- Cyan (53%)
- Magenta (73%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 24.321, 351.932 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 36, 24.321, 351.932 by changing the saturation by 10% instead.


 36, 24.321,
351.932

 36, 24.321,
351.932

 100, 24.321,
351.932


 26, 24.321,
351.932

 56, 24.321,
351.932


 16, 24.321,
351.932


 66, 24.321,
351.932

 6, 24.321, 351.932

 76, 24.321,
351.932

 0, 24.321, 351.932

 86, 24.321,
351.932

 96, 24.321,
351.932

36, 24.321,
351.932

36, 24.321,
351.932

33, 30.063,
353.412

39, 18.370,
350.675

30, 35.375,
355.189

43, 12.384,
349.579

28, 39.985,
357.372

46, 6.473, 348.598

26, 43.632, 0.098

49, 0.708, 347.370

25, 46.153, 3.521

53, 4.876, 167.072

24, 47.988, 6.788

57, 10.261,
166.334

60, 15.447,
165.677

64, 20.438,
165.075

■ 68, 25.246,
164.520

Harmonies

Complementary

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



36, 24.321, 351.932



46, 22.732, 163.685

Rectangle

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



36, 24.321, 351.932



36, 24.321, 41.932



36, 24.321, 171.932



36, 24.321, 221.932

Sweetspot

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



36, 24.319, 351.934



59, 8.631, 348.699



34, 32.280, 313.174



30, 5.777, 348.793



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



36, 24.319, 351.934



44, 35.891, 353.255



36, 21.599, 27.997



23, 3.198, 348.389



25, 49.040, 6.956



53, 83.302, 9.925

Inverse Universe

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



36, 24.319, 351.934



44, 35.891, 353.255



46, 16.185, 204.635



23, 3.198, 348.389



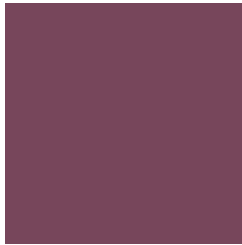
25, 49.040, 6.956



53, 83.302, 9.925

Previews

White Background



This preview shows how the CIE LCh color 36, 24.321, 351.932 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 CIE LCh color 36, 24.321, 351.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

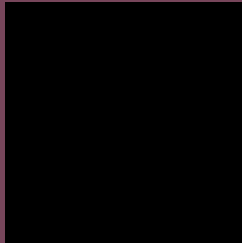
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 24.321, 351.932

Background



This preview shows how black text looks on a background with the CIELCh color 36, 24.321, 351.932.

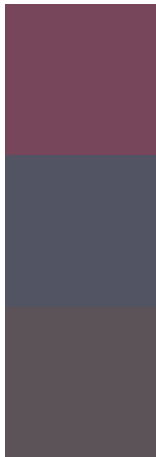


This preview shows how white text looks on a background with the CIELCh color 36, 24.321, 351.932.

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
36, 24.321, 351.932

Protanopia
36, 9.954, 287.261

Deuteranopia
36, 5.358, 336.266



Tritanopia
36, 20.583, 12.691

Trichromacy



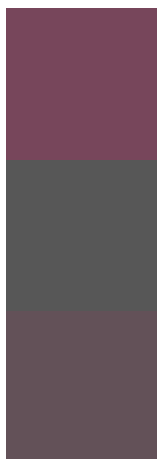
Original Color
36, 24.321, 351.932

Protanomaly
36, 13.038, 322.220

Deuteranomaly
36, 12.660, 345.599

Tritanomaly
36, 21.875, 3.722

Monochromacy



Original Color
36, 24.321, 351.932

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 8.884, 351.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 24.321, 351.932 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(119, 70, 91)` looks like.

```
.text, #text, p{  
    color:rgb(119, 70, 91)  
}
```

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(119, 70, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 70, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 24.321, 351.932 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(119, 70, 91) }
```

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

```
.border{ border-color:rgb(119, 70, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 70, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 70, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 70, 91);  
box-shadow:4px 4px 4px 4px rgb(119, 70,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 24.321, 351.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 70, 91) }
```

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

```
.background{ background-color: rgb(119, 70,  
91) }
```

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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