

Converting Colors

CIELCh(36, 21.452, 311.420)

Have a look what the booklet for
CIELCh(36, 21.452, 311.420)
contains.

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Color

CIELCh(36, 21.622, 310.931)

Conversions

Conversions Part 1

Format	Color
Hex	5F4E6F
RGB	95, 78, 111
RGB Percent	37%, 31%, 44%
CMY	0.6278, 0.6945, 0.5651
CMYK	0.14, 0.30, 0.00, 0.57
HSL	271°, 17%, 37%
HSV	271°, 30%, 43%
XYZ	10.2901, 9.0082, 16.2059
YIQ	86.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

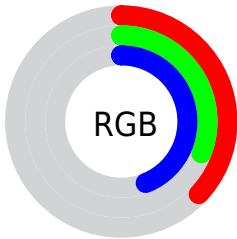
Format	Color
RYB	95, 78, 111
Decimal	6245999
CIELab	36.00, 14.17, -16.34
CIElCh	36, 21.622, 310.931
Yxy	9.0082, 0.2898, 0.2537
Android (android.graphics.Color)	4284436079 (0xFF5F4E6F)
YUV	86.8450, 11.9084, 7.1519
Hunter-Lab	30.0136, 8.6746, -11.0041

Details

The CIELCh color $36, 21.622, 310.931$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $45, 20.819, 128.300$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 21.882, 311.023$, and $16, 21.893, 311.156$ is the 20% darker color. If you saturate the color by 10%, you get $32, 29.167, 311.430$, and if you desaturate by 10%, it is $40, 14.185, 310.447$.

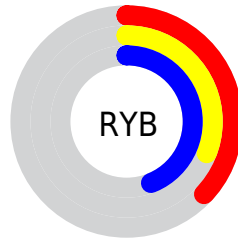
Distribution



 Red (37%)

 Green (31%)

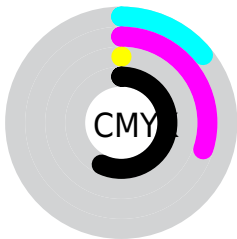
 Blue (44%)



 Red (37%)

 Yellow (31%)

 Blue (44%)

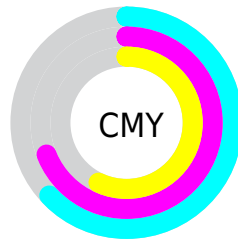


 Cyan (14%)

 Magenta (30%)

 Yellow (0%)

 Black (57%)



 Cyan (63%)


 Magenta (69%)


 Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.622, 310.931 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, 21.622, 310.931 by changing the saturation by 10% instead.


 36, 21.622,
310.931


 36, 21.622,
310.931

 100, 21.622,
310.931


 26, 21.622,
310.931

 56, 21.622,
310.931


 16, 21.622,
310.931


 66, 21.622,
310.931

 6, 21.622, 310.931

 76, 21.622,
310.931

 0, 21.622, 310.931

 86, 21.622,
310.931

 96, 21.622,
310.931

■ 36, 21.622,
310.931

■ 36, 21.622,
310.931

■ 32, 29.167,
311.430

■ 40, 14.185,
310.447

■ 29, 36.729,
311.926

■ 43, 6.913, 309.989

■ 47, 0.169, 130.060

■ 26, 44.147,
312.381

■ 51, 7.050, 129.219

■ 23, 51.169,
312.746

■ 54, 13.729,
128.875

■ 20, 57.438,
312.947

■ 58, 20.209,
128.572

■ 18, 62.504,
312.892

■ 61, 26.499,
128.304

■ 16, 66.899,
312.767

■ 65, 32.606,
128.069

■ 16, 67.018,

312.769

 69, 38.540,
127.864

Harmonies

Complementary

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



36, 21.622, 310.931



45, 20.819, 128.300

Rectangle

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



36, 21.622, 310.931



36, 21.622, 0.931



36, 21.622, 130.931



36, 21.622, 180.931

Sweetspot

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



36, 21.621, 310.931



56, 7.961, 309.967



39, 11.612, 259.768



29, 5.584, 310.019



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



36, 21.621, 310.931



44, 32.898, 311.292



38, 24.101, 325.966



21, 4.022, 309.956



17, 70.893, 312.673



40, 121.772, 312.041

Inverse Universe

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



37, 17.057, 347.105



46, 25.813, 347.902



44, 24.100, 142.505



22, 3.195, 345.139



25, 48.521, 1.634



53, 82.574, 4.341

Previews

White Background



This preview shows how the CIELCh color 36, 21.622, 310.931 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, 21.622, 310.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

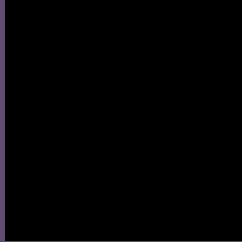
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 21.622, 310.931

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.622, 310.931.



This preview shows how white text looks on a background with the CIELCh color 36, 21.622, 310.931.

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

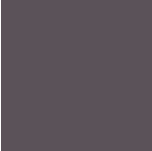
36, 21.622, 310.931

Protanopia

36, 19.353, 284.754

Deuteranopia

36, 16.790, 289.078



Tritanopia
36, 5.812, 331.865

Trichromacy



Original Color
36, 21.622, 310.931

Protanomaly
36, 19.904, 294.413

Deuteranomaly
36, 18.156, 297.843

Tritanomaly
36, 10.973, 315.975

Monochromacy



Original Color
36, 21.622, 310.931

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.872, 309.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.622, 310.931 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, 78, 111)` looks like.

```
.text, #text, p{  
    color:rgb(95, 78, 111)  
}
```

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, 78, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 78, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.622, 310.931 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, 78, 111) }
```

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

```
.border{ border-color:rgb(95, 78, 111) }
```

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

Here you see how a box with a 4 pixel rgb(95, 78, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 78, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 78, 111);  
box-shadow:4px 4px 4px 4px rgb(95, 78,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.622, 310.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 78, 111) }
```

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

```
.background{ background-color: rgb(95, 78,  
111) }
```

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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