

Converting Colors

CIELCh(36, 13.018, 331.277)

Have a look what the booklet for
CIELCh(36, 13.018, 331.277)
contains.

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Color

CIELCh(36, 12.995, 331.706)

Conversions

Conversions Part 1

Format	Color
Hex	634F5F
RGB	99, 79, 95
RGB Percent	39%, 31%, 37%
CMY	0.6129, 0.6913, 0.6286
CMYK	0.00, 0.20, 0.04, 0.61
HSL	312°, 11%, 35%
HSV	312°, 20%, 39%
XYZ	9.9414, 9.0082, 11.9720
YIQ	86.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

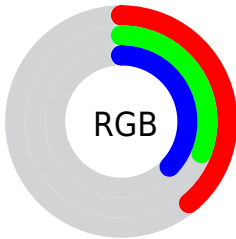
Format	Color
RYB	99, 79, 95
Decimal	6508383
CIELab	36.00, 11.44, -6.16
CIELCh	36, 12.995, 331.706
Yxy	9.0082, 0.3215, 0.2913
Android (android.graphics.Color)	4284698463 (0xFF634F5F)
YUV	86.8040, 4.0406, 10.6959
Hunter-Lab	30.0136, 6.6005, -2.6405

Details

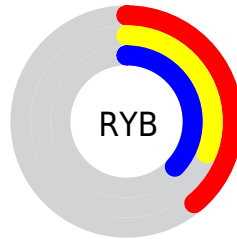
The CIELCh color $[36, 12.995, 331.706]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40, 12.943, 149.219]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 12.990, 332.399]$, and $[16, 13.332, 331.189]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 19.422, 332.332]$, and if you desaturate by 10%, it is $[39, 6.546, 331.092]$.

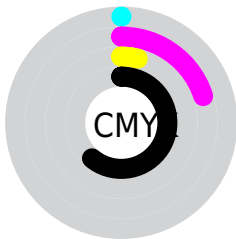
Distribution



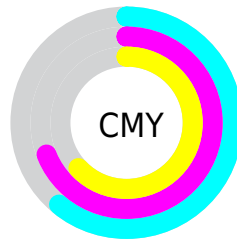
- Red (39%)
- Green (31%)
- Blue (37%)



- Red (39%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (61%)





- Cyan (61%)
- Magenta (69%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 12.995, 331.706 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, 12.995, 331.706 by changing the saturation by 10% instead.


 36, 12.995,
331.706


 36, 12.995,
331.706

 100, 12.995,
331.706


 26, 12.995,
331.706

 56, 12.995,
331.706


 16, 12.995,
331.706


 66, 12.995,
331.706

 6, 12.995, 331.706

 76, 12.995,
331.706

 0, 12.995, 331.706

 86, 12.995,
331.706

 96, 12.995,
331.706

■ 36, 12.995,
331.706

■ 36, 12.995,
331.706

■ 33, 19.422,
332.332

■ 39, 6.546, 331.092

■ 31, 25.709,
332.975

■ 42, 0.162, 329.404

■ 45, 6.102, 150.018

■ 28, 31.685,
333.636

■ 48, 12.217,
149.472

■ 26, 37.134,
334.321

■ 51, 18.166,
148.961

■ 24, 41.809,
335.037

■ 54, 23.943,
148.477

■ 23, 45.459,
335.799


■ 57, 29.549,
148.020

■ 22, 47.891,
336.632

■ 60, 34.991,
147.587

■ 21, 49.778,

337.456

 63, 40.275,
147.178

Harmonies

Complementary

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



36, 12.995, 331.706



40, 12.943, 149.219

Rectangle

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



36, 12.995, 331.706



36, 12.995, 21.706



36, 12.995, 151.706



36, 12.995, 201.706

Sweetspot

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



36, 12.994, 331.707



51, 4.718, 330.835



35, 12.641, 298.844



26, 3.103, 330.860



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 12.994, 331.707



45, 19.025, 331.983



36, 9.538, 356.697



18, 3.525, 331.006



24, 54.374, 337.627



54, 94.207, 338.354

Inverse Universe

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



36, 12.994, 331.707



45, 19.025, 331.983



40, 9.060, 173.048



18, 3.525, 331.006



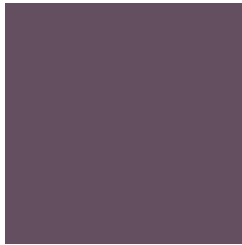
24, 54.374, 337.627



54, 94.207, 338.354

Previews

White Background



This preview shows how the CIELCh color 36, 12.995, 331.706 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 36, 12.995, 331.706 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, 12.995, 331.706

Background



This preview shows how black text looks on a background with the CIELCh color 36, 12.995, 331.706.



This preview shows how white text looks on a background with the CIELCh color 36, 12.995, 331.706.

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, 12.995, 331.706

Protanopia

36, 8.719, 286.368

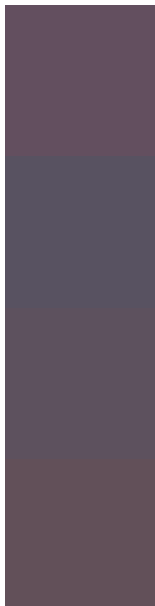
Deuteranopia

36, 7.303, 311.100



Tritanopia
36, 8.644, 355.358

Trichromacy



Original Color
36, 12.995, 331.706

Protanomaly
36, 9.687, 306.246

Deuteranomaly
36, 9.539, 322.984

Tritanomaly
36, 9.521, 345.114

Monochromacy



Original Color
36, 12.995, 331.706

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 4.775, 328.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 12.995, 331.706 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(99, 79, 95)` looks like.

```
.text, #text, p{  
    color:rgb(99, 79, 95)  
}
```

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(99, 79, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 79, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 12.995, 331.706 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(99, 79, 95) }
```

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

```
.border{ border-color:rgb(99, 79, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 79, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 79, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 79, 95);  
box-shadow:4px 4px 4px 4px rgb(99, 79, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 12.995, 331.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 79, 95) }
```

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

```
.background{ background-color: rgb(99, 79,  
95) }
```

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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