

Converting Colors

CIELCh(36, 17.007, 325.657)

Have a look what the booklet for
CIELCh(36, 17.007, 325.657)
contains.

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Color

CIELCh(36, 17.127, 325.608)

Conversions

Conversions Part 1

Format	Color
Hex	644D64
RGB	100, 77, 100
RGB Percent	39%, 30%, 39%
CMY	0.6065, 0.6968, 0.6065
CMYK	0.00, 0.23, 0.00, 0.61
HSL	300°, 13%, 35%
HSV	300°, 23%, 39%
XYZ	10.2859, 9.0082, 13.3384
YIQ	86.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

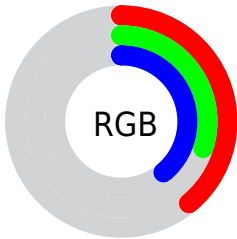
Format	Color
R_{YB}	100, 77, 100
Decimal	6573412
CIE Lab	36.00, 14.13, -9.67
CIE LCh	36, 17.127, 325.608
Yxy	9.0082, 0.3152, 0.2760
Android (android.graphics.Color)	4284763492 (0xFF644D64)
YUV	86.4990, 6.6560, 11.8404
Hunter-Lab	30.0136, 8.6495, -5.3396

Details

The CIELCh color **36, 17.127, 325.608** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 17.115, 143.055**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 17.272, 325.314**, and **16, 17.327, 326.241** is the 20% darker color. If you saturate the color by 10%, you get **33, 24.542, 326.109**, and if you desaturate by 10%, it is **39, 9.633, 325.091**.

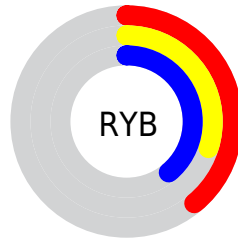
Distribution



Red (39%)

Green (30%)

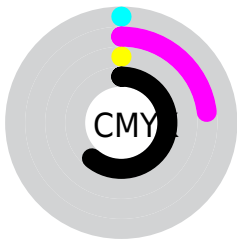
Blue (39%)



Red (39%)

Yellow (30%)

Blue (39%)

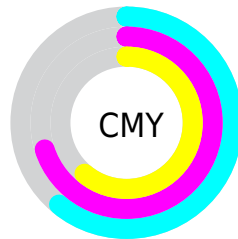


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (61%)



Cyan (61%)


Magenta (70%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 17.127, 325.608 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, 17.127, 325.608 by changing the saturation by 10% instead.

 36, 17.127,
325.608


 36, 17.127,
325.608

 100, 17.127,
325.608


 26, 17.127,
325.608

 56, 17.127,
325.608


 16, 17.127,
325.608


 66, 17.127,
325.608

 6, 17.127, 325.608

 76, 17.127,
325.608

 0, 17.127, 325.608

 86, 17.127,
325.608

 96, 17.127,
325.608

■ 36, 17.127,
325.608

■ 36, 17.127,
325.608

■ 33, 24.542,
326.109

■ 39, 9.633, 325.091

■ 31, 31.726,
326.584

■ 42, 2.176, 324.523

■ 45, 5.170, 144.120

■ 29, 38.478,
327.021

■ 48, 12.354,
143.610

■ 27, 44.559,
327.405

■ 51, 19.351,
143.131

■ 25, 49.716,
327.723

■ 54, 26.144,
142.676

■ 24, 53.723,
327.966

■ 57, 32.731,
142.245

■ 23, 56.505,
328.131

■ 60, 39.114,
141.839

■ 22, 58.290,

328.237

 63, 45.298,
141.458

Harmonies

Complementary

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



36, 17.127, 325.608



40, 17.115, 143.055

Rectangle

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



36, 17.127, 325.608



36, 17.127, 15.608



36, 17.127, 145.608



36, 17.127, 195.608

Sweetspot

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



36, 17.126, 325.608



52, 6.432, 324.784



34, 14.476, 292.629



26, 4.213, 324.802



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



36, 17.126, 325.608



45, 25.861, 325.905



36, 12.169, 345.539



20, 4.229, 324.879



26, 64.096, 328.237



57, 111.155, 328.237

Inverse Universe

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



36, 17.126, 325.608



45, 25.861, 325.905



40, 11.847, 161.764



20, 4.229, 324.879



26, 64.096, 328.237



57, 111.155, 328.237

Previews

White Background



This preview shows how the CIELCh color 36, 17.127, 325.608 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, 17.127, 325.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

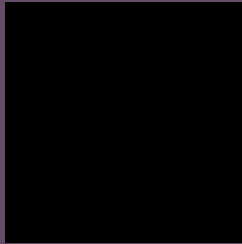
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 17.127, 325.608

Background



This preview shows how black text looks on a background with the CIELCh color 36, 17.127, 325.608.

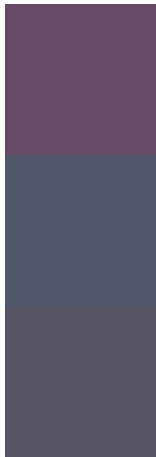


This preview shows how white text looks on a background with the CIELCh color 36, 17.127, 325.608.

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

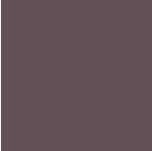
36, 17.127, 325.608

Protanopia

36, 13.093, 285.592

Deuteranopia

36, 10.044, 298.660



Tritanopia
36, 8.644, 355.358

Trichromacy



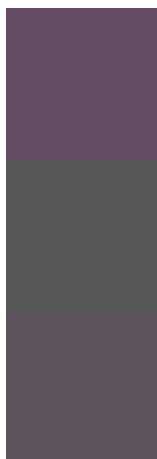
Original Color
36, 17.127, 325.608

Protanomaly
36, 13.251, 300.817

Deuteranomaly
36, 11.963, 311.726

Tritanomaly
36, 11.302, 340.094

Monochromacy



Original Color
36, 17.127, 325.608

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 6.771, 324.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 17.127, 325.608 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(100, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 77, 100)  
}
```

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(100, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 77, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 17.127, 325.608 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(100, 77, 100) }
```

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

```
.border{ border-color:rgb(100, 77, 100) }
```

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

Here you see how a box with a 4 pixel rgb(100, 77, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 77,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 17.127, 325.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 77, 100) }
```

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

```
.background{ background-color: rgb(100, 77,  
100) }
```

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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