

Converting Colors

CIELCh(36, 15.335, 294.082)

Have a look what the booklet for
CIELCh(36, 15.335, 294.082)
contains.

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Color

CIELCh(36, 15.577, 294.101)

Conversions

Conversions Part 1

Format	Color
Hex	53526B
RGB	83, 82, 107
RGB Percent	33%, 32%, 42%
CMY	0.6732, 0.6771, 0.5790
CMYK	0.22, 0.23, 0.00, 0.58
HSL	242°, 13%, 37%
HSV	242°, 23%, 42%
XYZ	9.3118, 9.0082, 15.2544
YIQ	85.1490, -7.4290, 7.9870

Conversions

Conversions Part 2

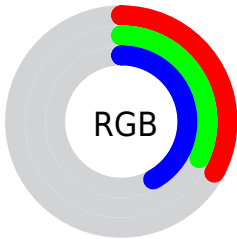
Format	Color
R_{YB}	83, 82, 107
Decimal	5460587
CIE Lab	36.00, 6.36, -14.22
CIE LCh	36, 15.577, 294.101
Yxy	9.0082, 0.2773, 0.2683
Android (android.graphics.Color)	4283650667 (0xFF53526B)
YUV	85.1490, 10.7725, -1.8847
Hunter-Lab	30.0136, 2.8564, -9.1245

Details

The CIELCh color **36, 15.577, 294.101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 14.799, 109.772**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 15.528, 294.694**, and **16, 16.179, 294.370** is the 20% darker color. If you saturate the color by 10%, you get **32, 22.705, 295.384**, and if you desaturate by 10%, it is **40, 8.723, 292.995**.

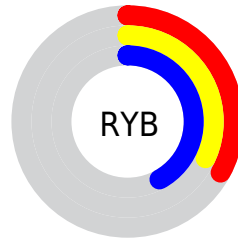
Distribution



Red (33%)

Green (32%)

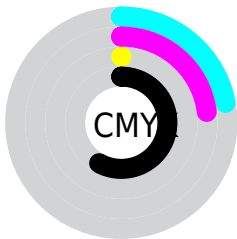
Blue (42%)



Red (33%)

Yellow (32%)

Blue (42%)

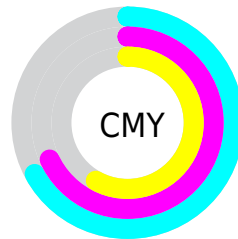


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (58%)



Cyan (67%)


Magenta (68%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 15.577, 294.101 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, 15.577, 294.101 by changing the saturation by 10% instead.


 36, 15.577,
294.101


 36, 15.577,
294.101

 100, 15.577,
294.101


 26, 15.577,
294.101

 56, 15.577,
294.101


 16, 15.577,
294.101


 66, 15.577,
294.101

 6, 15.577, 294.101

 76, 15.577,
294.101

 0, 15.577, 294.101

 86, 15.577,
294.101

 96, 15.577,
294.101

■ 36, 15.577,
294.101

■ 36, 15.577,
294.101

■ 32, 22.705,
295.384

■ 40, 8.723, 292.995

■ 44, 2.129, 292.056

■ 28, 30.118,
296.861

■ 48, 4.222, 111.218

■ 24, 37.794,
298.531

■ 52, 10.348,
110.522

■ 20, 45.644,
300.359

■ 56, 16.264,
109.918

■ 17, 53.430,
302.248

■ 60, 21.984,
109.396

■ 14, 60.640,
304.017


■ 64, 27.521,
108.943

■ 11, 66.531,
305.448

■ 67, 32.886,
108.549

■ 10, 70.532,

306.512

 71, 38.090,
108.205

Harmonies

Complementary

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



36, 15.577, 294.101



45, 14.799, 109.772

Rectangle

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



36, 15.577, 294.101



36, 15.577, 344.101



36, 15.577, 114.101



36, 15.577, 164.101

Sweetspot

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



36, 15.576, 294.100



55, 5.653, 292.401



43, 9.323, 201.442



28, 3.704, 292.434



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



36, 15.576, 294.100



44, 23.560, 294.780



37, 16.420, 311.223



20, 3.648, 292.566



11, 75.147, 306.490



31, 129.564, 306.370

Inverse Universe

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



38, 17.905, 326.749



48, 26.778, 327.037



44, 15.970, 129.239



21, 4.288, 325.977



27, 63.176, 329.827



57, 108.519, 329.925

Previews

White Background



This preview shows how the CIE LCh color 36, 15.577, 294.101 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, 15.577, 294.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

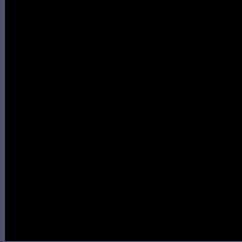
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

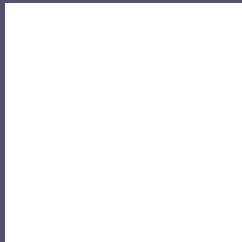
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 15.577, 294.101

Background



This preview shows how black text looks on a background with the CIELCh color 36, 15.577, 294.101.



This preview shows how white text looks on a background with the CIELCh color 36, 15.577, 294.101.

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, 15.577, 294.101

Protanopia

36, 15.008, 283.996

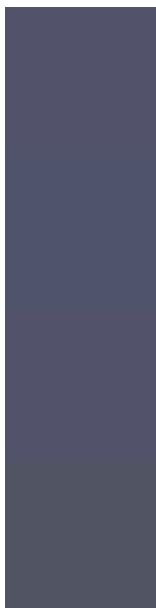
Deuteranopia

36, 14.924, 289.687



Tritanopia
36, 4.761, 265.555

Trichromacy



Original Color
36, 15.577, 294.101

Protanomaly
36, 15.557, 288.542

Deuteranomaly
36, 14.916, 291.133

Tritanomaly
36, 8.756, 283.793

Monochromacy



Original Color
36, 15.577, 294.101

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 5.594, 291.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 15.577, 294.101 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(83, 82, 107)` looks like.

```
.text, #text, p{  
    color:rgb(83, 82, 107)  
}
```

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(83, 82, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 82, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 15.577, 294.101 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(83, 82, 107) }
```

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

```
.border{ border-color:rgb(83, 82, 107) }
```

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

Here you see how a box with a 4 pixel rgb(83, 82, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 82, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 82, 107);  
box-shadow:4px 4px 4px 4px rgb(83, 82,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 15.577, 294.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 82, 107) }
```

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

```
.background{ background-color: rgb(83, 82,  
107) }
```

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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