

Converting Colors

CIELCh(36, 12.853, 197.847)

Have a look what the booklet for
CIELCh(36, 12.853, 197.847)
contains.

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Color

CIELCh(36, 12.871, 197.733)

Conversions

Conversions Part 1

Format	Color
Hex	395B5B
RGB	57, 91, 91
RGB Percent	22%, 36%, 36%
CMY	0.7782, 0.6449, 0.6449
CMYK	0.38, 0.00, 0.00, 0.64
HSL	180°, 23%, 29%
HSV	180°, 38%, 36%
XYZ	7.2325, 9.0082, 11.1521
YIQ	80.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

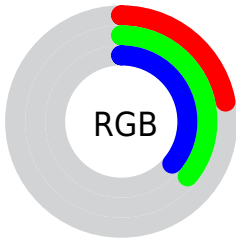
Format	Color
RYB	57, 74, 91
Decimal	3758939
CIELab	36.00, -12.26, -3.92
CIELCh	36, 12.871, 197.733
Yxy	9.0082, 0.2640, 0.3289
Android (android.graphics.Color)	4281949019 (0xFF395B5B)
YUV	80.8340, 5.0118, -20.9024
Hunter-Lab	30.0136, -9.5099, -1.0207

Details

The CIELCh color **36, 12.871, 197.733** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 16.379, 22.517**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 12.762, 198.198**, and **16, 12.925, 196.768** is the 20% darker color. If you saturate the color by 10%, you get **36, 15.617, 197.376**, and if you desaturate by 10%, it is **37, 9.791, 198.136**.

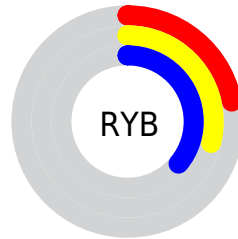
Distribution



Red (22%)

Green (36%)

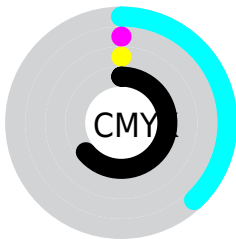
Blue (36%)



Red (22%)

Yellow (29%)

Blue (36%)

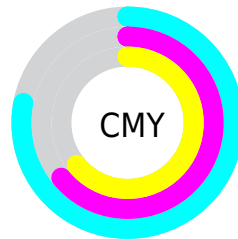


Cyan (38%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (78%)


Magenta (64%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 12.871, 197.733 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, 12.871, 197.733 by changing the saturation by 10% instead.


 36, 12.871,
197.733


 36, 12.871,
197.733

 100, 12.871,
197.733


 26, 12.871,
197.733

 56, 12.871,
197.733


 16, 12.871,
197.733


 66, 12.871,
197.733

 6, 12.871, 197.733

 76, 12.871,
197.733

 0, 12.871, 197.733

 86, 12.871,
197.733

 96, 12.871,
197.733

■ 36, 12.871,
197.733

■ 36, 12.871,
197.733

■ 36, 15.617,
197.376

■ 37, 9.791, 198.136

■ 35, 17.982,
197.076

■ 37, 6.427, 198.595

■ 35, 19.930,
196.832

■ 38, 2.832, 199.135

■ 35, 21.442,
196.645

■ 40, 4.853, 20.007

■ 34, 22.516,
196.513

■ 40, 8.858, 20.590

■ 34, 23.330,
196.414

■ 41, 12.924, 21.169

■ 34, 23.531,
196.390

■ 42, 17.023, 21.750

■ 44, 21.133, 22.332

Harmonies

Complementary

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



36, 12.871, 197.733



28, 16.379, 22.517

Rectangle

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



36, 12.871, 197.733



36, 12.871, 247.733



36, 12.871, 17.733



36, 12.871, 67.733

Sweetspot

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



36, 12.871, 197.730



48, 5.069, 198.913



35, 25.657, 141.923



24, 3.365, 198.871



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



36, 12.871, 197.730



46, 18.392, 197.413



31, 12.339, 261.101



18, 2.122, 199.055



42, 26.912, 196.390



85, 47.435, 196.390

Inverse Universe

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



29, 25.634, 326.306



36, 37.670, 326.712



33, 13.602, 71.105



17, 3.869, 324.865



25, 62.061, 328.233



56, 109.389, 328.233

Previews

White Background



This preview shows how the CIELCh color 36, 12.871, 197.733 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, 12.871, 197.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

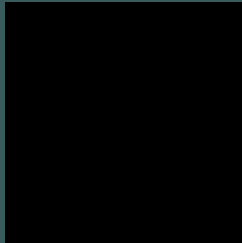
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 12.871, 197.733

Background



This preview shows how black text looks on a background with the CIELCh color 36, 12.871, 197.733.



This preview shows how white text looks on a background with the CIELCh color 36, 12.871, 197.733.

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, 12.871, 197.733

Protanopia

36, 1.921, 303.201

Deuteranopia

36, 6.906, 316.139



Tritanopia
36, 12.392, 218.689

Trichromacy



Original Color
36, 12.871, 197.733

Protanomaly
36, 4.644, 214.457

Deuteranomaly
36, 4.885, 249.121

Tritanomaly
36, 12.497, 212.402

Monochromacy



Original Color
36, 12.871, 197.733

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 5.361, 198.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 12.871, 197.733 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(57, 91, 91)` looks like.

```
.text, #text, p{  
    color:rgb(57, 91, 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(57, 91, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 91, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 12.871, 197.733 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(57, 91, 91) }
```

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

```
.border{ border-color:rgb(57, 91, 91) }
```

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

Here you see how a box with a 4 pixel rgb(57, 91, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 91, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 91, 91);  
box-shadow:4px 4px 4px 4px rgb(57, 91, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 12.871, 197.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 91, 91) }
```

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

```
.background{ background-color: rgb(57, 91,  
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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