

Converting Colors

CIELCh(36, 15.936, 246.569)

Have a look what the booklet for
CIELCh(36, 15.936, 246.569)
contains.

CIELCh(36, 15.936, 246.569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(36, 15.936, 246.569)

Conversions

Conversions Part 1

Format	Color
Hex	38596C
RGB	56, 89, 108
RGB Percent	22%, 35%, 42%
CMY	0.7815, 0.6521, 0.5776
CMYK	0.48, 0.18, 0.00, 0.58
HSL	202°, 32%, 32%
HSV	202°, 48%, 42%
XYZ	7.8561, 9.0082, 15.4325
YIQ	81.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

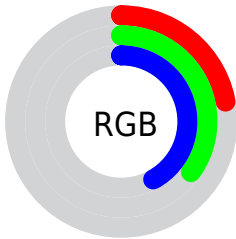
Format	Color
R_{YB}	56, 76, 108
Decimal	3692908
CIE _{Lab}	36.00, -6.34, -14.62
CIE _{LCh}	36, 15.936, 246.569
Yxy	9.0082, 0.2432, 0.2789
Android (android.graphics.Color)	4281882988 (0xFF38596C)
YUV	81.2990, 13.1636, -22.1872
Hunter-Lab	30.0136, -5.8010, -9.4765

Details

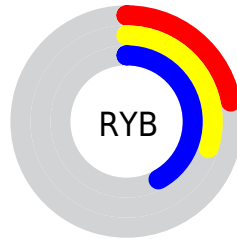
The CIELCh color **36, 15.936, 246.569** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 20.413, 55.827**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 15.760, 245.553**, and **16, 16.002, 246.409** is the 20% darker color. If you saturate the color by 10%, you get **34, 18.696, 249.011**, and if you desaturate by 10%, it is **38, 12.958, 244.558**.

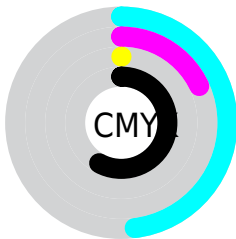
Distribution



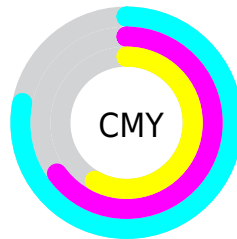
- Red (22%)
- Green (35%)
- Blue (42%)



- Red (22%)
- Yellow (30%)
- Blue (42%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)





- Cyan (78%)
- Magenta (65%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 15.936, 246.569 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, 15.936, 246.569 by changing the saturation by 10% instead.


 36, 15.936,
246.569


 36, 15.936,
246.569

 100, 15.936,
246.569


 26, 15.936,
246.569

 56, 15.936,
246.569


 16, 15.936,
246.569


 66, 15.936,
246.569

 6, 15.936, 246.569

 76, 15.936,
246.569

 0, 15.936, 246.569

 86, 15.936,
246.569

 96, 15.936,
246.569

■ 36, 15.936,
246.569

■ 36, 15.936,
246.569

■ 34, 18.696,
249.011

■ 38, 12.958,
244.558

■ 32, 21.231,
251.954

■ 40, 9.785, 242.912

■ 31, 23.554,
255.451

■ 42, 6.444, 241.572

■ 44, 2.965, 240.513

■ 29, 25.704,
259.514

■ 46, 0.623, 59.016

■ 28, 27.824,
263.780

■ 48, 4.297, 58.664

■ 50, 8.033, 58.063

■ 27, 28.207,
264.463

■ 52, 11.812, 57.544

■ 54, 15.620, 57.103

Harmonies

Complementary

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



36, 15.936, 246.569



35, 20.413, 55.827

Rectangle

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



36, 15.936, 246.569



36, 15.936, 296.569



36, 15.936, 66.569



36, 15.936, 116.569

Sweetspot

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



36, 15.935, 246.568



55, 6.172, 241.125



41, 29.192, 152.095



28, 4.282, 241.313



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, 15.935, 246.568



44, 23.016, 249.369



28, 28.573, 290.335



21, 2.003, 240.575



30, 30.156, 265.000



62, 53.992, 268.238

Inverse Universe

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



31, 29.408, 340.908



38, 42.894, 342.112



42, 26.348, 98.114



21, 3.408, 337.620



25, 50.457, 348.812



54, 85.882, 350.499

Previews

White Background



This preview shows how the CIE LCh color 36, 15.936, 246.569 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, 15.936, 246.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

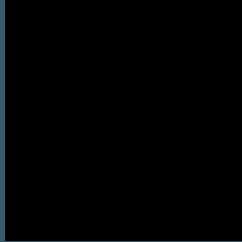
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

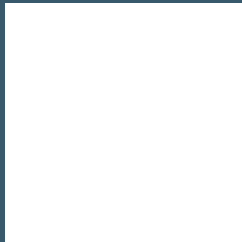
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 15.936, 246.569

Background



This preview shows how black text looks on a background with the CIELCh color 36, 15.936, 246.569.



This preview shows how white text looks on a background with the CIELCh color 36, 15.936, 246.569.

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, 15.936, 246.569

Protanopia

36, 12.479, 285.128

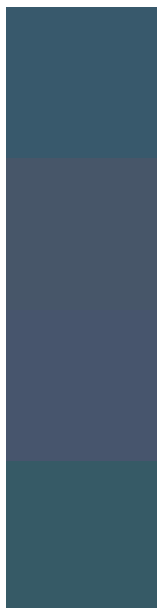
Deuteranopia

36, 16.173, 288.817



Tritanopia
36, 13.940, 218.909

Trichromacy



Original Color
36, 15.936, 246.569

Protanomaly
36, 12.850, 266.389

Deuteranomaly
36, 15.564, 273.521

Tritanomaly
36, 14.392, 229.459

Monochromacy



Original Color
36, 15.936, 246.569

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 6.390, 242.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 15.936, 246.569 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(56, 89, 108)` looks like.

```
.text, #text, p{  
    color:rgb(56, 89, 108)  
}
```

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(56, 89, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 89, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 15.936, 246.569 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(56, 89, 108) }
```

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

```
.border{ border-color:rgb(56, 89, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 89, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 89, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 89, 108);  
box-shadow:4px 4px 4px 4px rgb(56, 89,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 15.936, 246.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 89, 108) }
```

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

```
.background{ background-color: rgb(56, 89,  
108) }
```

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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