

Converting Colors

CIELCh(36, 14.881, 155.687)

Have a look what the booklet for
CIELCh(36, 14.881, 155.687)
contains.

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Color

CIELCh(36, 14.854, 155.713)

Conversions

Conversions Part 1

Format	Color
Hex	415B4B
RGB	65, 91, 75
RGB Percent	25%, 36%, 29%
CMY	0.7469, 0.6450, 0.7077
CMYK	0.29, 0.00, 0.18, 0.65
HSL	143°, 17%, 30%
HSV	143°, 29%, 35%
XYZ	7.1022, 9.0082, 7.9367
YIQ	81.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

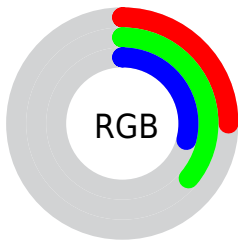
Format	Color
RYB	65, 84, 91
Decimal	4283211
CIELab	36.00, -13.54, 6.11
CIElCh	36, 14.854, 155.713
Yxy	9.0082, 0.2953, 0.3746
Android (android.graphics.Color)	4282473291 (0xFF415B4B)
YUV	81.4020, -3.1562, -14.3846
Hunter-Lab	30.0136, -10.2847, 5.3310

Details

The CIELCh color $36, 14.854, 155.713$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31, 15.117, 340.031$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 14.443, 155.828$, and $16, 14.795, 155.240$ is the 20% darker color. If you saturate the color by 10%, you get $35, 19.924, 154.735$, and if you desaturate by 10%, it is $37, 9.692, 156.582$.

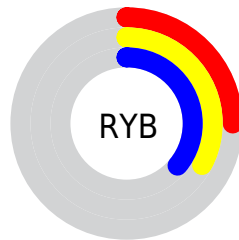
Distribution



Red (25%)

Green (36%)

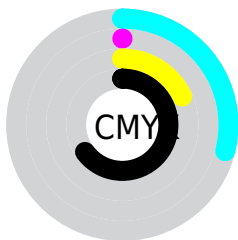
Blue (29%)



Red (25%)

Yellow (33%)

Blue (36%)

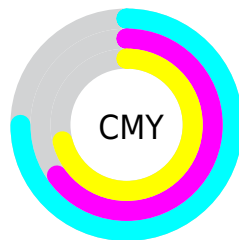


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (65%)



Cyan (75%)


Magenta (65%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 14.854, 155.713 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, 14.854, 155.713 by changing the saturation by 10% instead.


 36, 14.854,
155.713


 36, 14.854,
155.713

 100, 14.854,
155.713


 26, 14.854,
155.713

 56, 14.854,
155.713


 16, 14.854,
155.713


 66, 14.854,
155.713

 6, 14.854, 155.713

 76, 14.854,
155.713

 0, 14.854, 155.713

 86, 14.854,
155.713

 96, 14.854,
155.713

■ 36, 14.854,
155.713

■ 36, 14.854,
155.713

■ 35, 19.924,
154.735

■ 37, 9.692, 156.582

■ 35, 24.827,
153.630

■ 38, 4.500, 157.375

■ 39, 0.670, 337.709

■ 34, 29.484,
152.379

■ 40, 5.777, 338.601

■ 34, 33.818,
150.965

■ 41, 10.790,
339.179

■ 33, 37.759,
149.379

■ 42, 15.689,
339.699

■ 33, 41.259,
147.623

■ 43, 20.460,
340.174

■ 33, 44.484,
145.955

■ 44, 25.095,
340.611

■ 33, 44.896,

■ 46, 29.591,

145.763

341.017

Harmonies

Complementary

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



36, 14.854, 155.713



31, 15.117, 340.031

Rectangle

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



36, 14.854, 155.713



36, 14.854, 205.713



36, 14.854, 335.713



36, 14.854, 25.713

Sweetspot

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



36, 14.855, 155.712



48, 5.761, 157.330



37, 16.485, 123.528



24, 3.964, 157.255



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, 14.855, 155.712



46, 21.722, 155.104



36, 10.537, 187.681



18, 2.930, 157.364



40, 52.004, 145.189



83, 94.742, 143.693

Inverse Universe

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



31, 15.117, 340.031



38, 22.168, 340.572



30, 12.098, 12.473



17, 2.950, 338.492



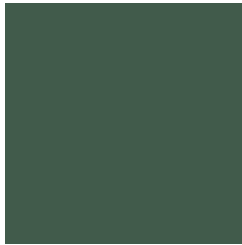
23, 47.679, 350.124



52, 83.062, 352.120

Previews

White Background



This preview shows how the CIELCh color 36, 14.854, 155.713 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, 14.854, 155.713 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, 14.854, 155.713

Background



This preview shows how black text looks on a background with the CIELCh color 36, 14.854, 155.713.



This preview shows how white text looks on a background with the CIELCh color 36, 14.854, 155.713.

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](#).

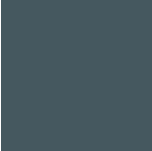
Dichromacy



Original Color
36, 14.854, 155.713

Protanopia
36, 8.351, 93.031

Deuteranopia
36, 7.461, 44.627



Tritanopia
36, 8.433, 229.765

Trichromacy



Original Color
36, 14.854, 155.713

Protanomaly
36, 9.067, 125.825

Deuteranomaly
36, 5.588, 104.674

Tritanomaly
36, 8.827, 194.183

Monochromacy



Original Color
36, 14.854, 155.713

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 4.985, 160.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 14.854, 155.713 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(65, 91, 75)` looks like.

```
.text, #text, p{  
    color:rgb(65, 91, 75)  
}
```

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(65, 91, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 91, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 14.854, 155.713 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(65, 91, 75) }
```

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

```
.border{ border-color:rgb(65, 91, 75) }
```

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

Here you see how a box with a 4 pixel rgb(65, 91, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 91, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 91, 75);  
box-shadow:4px 4px 4px 4px rgb(65, 91, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 14.854, 155.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 91, 75) }
```

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

```
.background{ background-color: rgb(65, 91,  
75) }
```

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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