

Converting Colors

CIELCh(34, 36.015, 150.653)

Have a look what the booklet for
CIELCh(34, 36.015, 150.653)
contains.

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Color

CIELCh(34, 36.165, 150.854)

Conversions

Conversions Part 1

Format	Color
Hex	175C33
RGB	23, 92, 51
RGB Percent	9%, 36%, 20%
CMY	0.9115, 0.6406, 0.8012
CMYK	0.75, 0.00, 0.45, 0.64
HSL	144°, 61%, 22%
HSV	144°, 75%, 36%
XYZ	4.7315, 8.0082, 4.3925
YIQ	66.6950, -27.9630, -27.3790

Conversions

Conversions Part 2

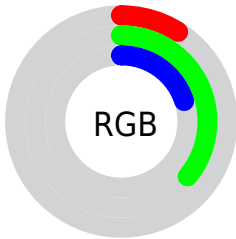
Format	Color
R_YB	23, 72, 92
Decimal	1530931
CIE Lab	34.00, -31.59, 17.61
CIE LCh	34, 36.165, 150.854
Yxy	8.0082, 0.2762, 0.4674
Android (android.graphics.Color)	4279721011 (0xFF175C33)
YUV	66.6950, -7.7376, -38.3205
Hunter-Lab	28.2988, -19.6783, 10.6062

Details

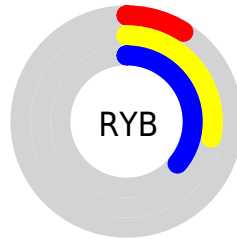
The CIELCh color **34, 36.165, 150.854** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21, 36.408, 346.481**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 36.150, 150.916**, and **15, 30.989, 142.796** is the 20% darker color. If you saturate the color by 10%, you get **34, 39.767, 149.134**, and if you desaturate by 10%, it is **34, 32.139, 152.397**.

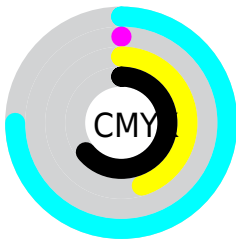
Distribution



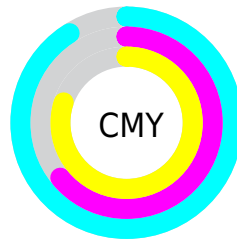
- Red (9%)
- Green (36%)
- Blue (20%)



- Red (9%)
- Yellow (28%)
- Blue (36%)



- Cyan (75%)
- Magenta (0%)
- Yellow (45%)
- Black (64%)





- Cyan (91%)
- Magenta (64%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 36.165, 150.854 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 34, 36.165, 150.854 by changing the saturation by 10% instead.


 34, 36.165,
150.854


 34, 36.165,
150.854

 100, 36.165,
150.854

 24, 36.165,
150.854

 54, 36.165,
150.854

 14, 36.165,
150.854


 64, 36.165,
150.854

 4, 36.165, 150.854

 74, 36.165,
150.854

 0, 36.165, 150.854

 84, 36.165,
150.854

 94, 36.165,
150.854

■ 34, 36.165,
150.854

■ 34, 36.165,
150.854

■ 34, 39.767,
149.134

■ 34, 32.139,
152.397

■ 34, 42.998,
147.350

■ 35, 27.742,
153.769

■ 33, 44.456,
146.626

■ 35, 23.045,
154.983

■ 36, 18.126,
156.056

■ 37, 13.061,
157.009

■ 38, 7.920, 157.863

■ 38, 2.764, 158.668

■ 39, 2.360, 339.180

Harmonies

Complementary

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



34, 36.165, 150.854



21, 36.408, 346.481

Rectangle

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



34, 36.165, 150.854



34, 36.165, 200.854



34, 36.165, 330.854



34, 36.165, 20.854

Sweetspot

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



34, 36.165, 150.854



48, 14.761, 157.156



35, 41.143, 122.583



24, 10.292, 156.930



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 36.165, 150.854



44, 50.958, 147.733



35, 22.771, 185.418



18, 2.882, 158.387



40, 51.002, 146.085



83, 92.928, 144.565

Inverse Universe

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



21, 36.408, 346.481



26, 48.712, 349.832



20, 34.622, 23.460



17, 2.904, 339.539



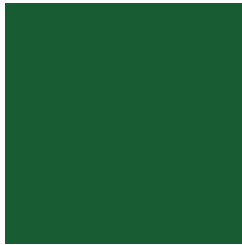
23, 47.181, 351.900



52, 82.245, 354.075

Previews

White Background



This preview shows how the CIE LCh color 34, 36.165, 150.854 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 34, 36.165, 150.854 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 34, 36.165, 150.854

Background



This preview shows how black text looks on a background with the CIELCh color 34, 36.165, 150.854.



This preview shows how white text looks on a background with the CIELCh color 34, 36.165, 150.854.

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

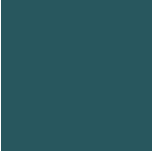
34, 36.165, 150.854

Protanopia

34, 21.205, 97.126

Deuteranopia

34, 16.744, 74.083



Tritanopia
34, 16.390, 213.094

Trichromacy



Original Color
34, 36.165, 150.854

Protanomaly
33, 23.977, 129.173

Deuteranomaly
33, 18.941, 125.685

Tritanomaly
34, 21.134, 177.425

Monochromacy



Original Color
34, 36.165, 150.854

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 14.564, 156.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 36.165, 150.854 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(23, 92, 51)` looks like.

```
.text, #text, p{  
    color:rgb(23, 92, 51)  
}
```

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(23, 92, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 92, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 36.165, 150.854 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(23, 92, 51) }
```

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

```
.border{ border-color:rgb(23, 92, 51) }
```

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

Here you see how a box with a 4 pixel rgb(23, 92, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 92, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 92, 51);  
box-shadow:4px 4px 4px 4px rgb(23, 92, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 36.165, 150.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 92, 51) }
```

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

```
.background{ background-color: rgb(23, 92,  
51) }
```

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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