

Converting Colors

CIELCh(34, 36.472, 150.031)

Have a look what the booklet for
CIELCh(34, 36.472, 150.031)
contains.

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Color

CIELCh(34, 36.472, 150.031)

Conversions

Conversions Part 1

Format	Color
Hex	185C32
RGB	24, 92, 50
RGB Percent	9%, 36%, 20%
CMY	0.9077, 0.6406, 0.8052
CMYK	0.74, 0.00, 0.46, 0.64
HSL	143°, 59%, 23%
HSV	143°, 74%, 36%
XYZ	4.7307, 8.0082, 4.2773
YIQ	66.8800, -27.0460, -27.4780

Conversions

Conversions Part 2

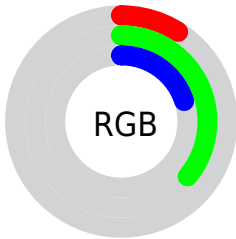
Format	Color
RYB	24, 73, 92
Decimal	1596466
CIELab	34.00, -31.60, 18.22
CIELCh	34, 36.472, 150.031
Yxy	8.0082, 0.2780, 0.4706
Android (android.graphics.Color)	4279786546 (0xFF185C32)
YUV	66.8800, -8.3218, -37.6058
Hunter-Lab	28.2988, -19.6830, 10.8477

Details

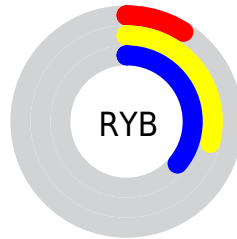
The CIELCh color **34, 36.472, 150.031** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21, 36.527, 344.881**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 36.360, 150.008**, and **15, 31.348, 142.395** is the 20% darker color. If you saturate the color by 10%, you get **34, 40.207, 148.344**, and if you desaturate by 10%, it is **34, 32.308, 151.544**.

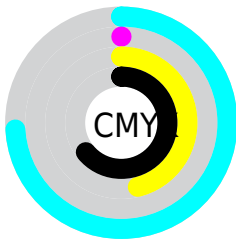
Distribution



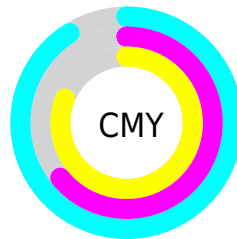
- Red (9%)
- Green (36%)
- Blue (20%)



- Red (9%)
- Yellow (29%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (46%)
- Black (64%)





- Cyan (91%)
- Magenta (64%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 36.472, 150.031 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, 36.472, 150.031 by changing the saturation by 10% instead.


 34, 36.472,
150.031


 34, 36.472,
150.031

 100, 36.472,
150.031


 24, 36.472,
150.031

 54, 36.472,
150.031


 14, 36.472,
150.031


 64, 36.472,
150.031

 4, 36.472, 150.031

 74, 36.472,
150.031

 0, 36.472, 150.031

 84, 36.472,
150.031

 94, 36.472,
150.031

■ 34, 36.472,
150.031

■ 34, 36.472,
150.031

■ 34, 40.207,
148.344

■ 34, 32.308,
151.544

■ 33, 43.533,
146.567

■ 35, 27.775,
152.888

■ 33, 45.367,
145.678

■ 35, 22.948,
154.076

■ 36, 17.907,
155.124

■ 37, 12.731,
156.053

■ 38, 7.490, 156.884

■ 39, 2.244, 157.681

■ 39, 2.960, 338.175

Harmonies

Complementary

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



34, 36.472, 150.031



21, 36.527, 344.881

Rectangle

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



34, 36.472, 150.031



34, 36.472, 200.031



34, 36.472, 330.031



34, 36.472, 20.031

Sweetspot

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



34, 36.472, 150.031



48, 14.377, 156.192



36, 40.502, 121.920



24, 9.734, 156.046



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, 36.472, 150.031



44, 51.628, 146.961



35, 22.880, 183.792



18, 2.932, 157.312



40, 52.055, 145.144



83, 94.834, 143.650

Inverse Universe

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



21, 36.527, 344.881



26, 49.127, 347.920



20, 33.907, 21.871



17, 2.953, 338.440



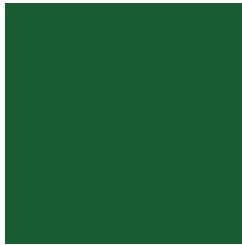
23, 47.706, 350.035



52, 83.107, 352.022

Previews

White Background



This preview shows how the CIELCh color 34, 36.472, 150.031 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, 36.472, 150.031 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, 36.472, 150.031

Background



This preview shows how black text looks on a background with the CIELCh color 34, 36.472, 150.031.



This preview shows how white text looks on a background with the CIELCh color 34, 36.472, 150.031.

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, 36.472, 150.031

Protanopia

34, 21.880, 95.968

Deuteranopia

34, 17.569, 73.705



Tritanopia
34, 16.152, 213.358

Trichromacy



Original Color
34, 36.472, 150.031

Protanomaly
33, 24.342, 127.662

Deuteranomaly
33, 19.365, 123.812

Tritanomaly
34, 20.905, 177.242

Monochromacy



Original Color
34, 36.472, 150.031

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 14.265, 155.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 36.472, 150.031 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(24, 92, 50)` looks like.

```
.text, #text, p{  
    color:rgb(24, 92, 50)  
}
```

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(24, 92, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 92, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 36.472, 150.031 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(24, 92, 50) }
```

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

```
.border{ border-color:rgb(24, 92, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 92, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 92, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 92, 50);  
box-shadow:4px 4px 4px 4px rgb(24, 92, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 36.472, 150.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 92, 50) }
```

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

```
.background{ background-color: rgb(24, 92,  
50) }
```

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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