

Converting Colors

CIELCh(34, 14.775, 170.209)

Have a look what the booklet for
CIELCh(34, 14.775, 170.209)
contains.

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Color

CIELCh(34, 14.481, 171.667)

Conversions

Conversions Part 1

Format	Color
Hex	36564C
RGB	54, 86, 76
RGB Percent	21%, 34%, 30%
CMY	0.7874, 0.6618, 0.7011
CMYK	0.37, 0.00, 0.12, 0.66
HSL	161°, 23%, 28%
HSV	161°, 37%, 34%
XYZ	6.1922, 8.0082, 8.0981
YIQ	75.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

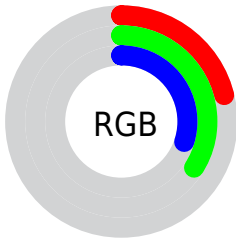
Format	Color
RYB	54, 73, 86
Decimal	3561036
CIELab	34.00, -14.33, 2.10
CIElCh	34, 14.481, 171.667
Yxy	8.0082, 0.2777, 0.3591
Android (android.graphics.Color)	4281751116 (0xFF36564C)
YUV	75.2920, 0.3490, -18.6731
Hunter-Lab	28.2988, -10.4647, 2.8424




Details

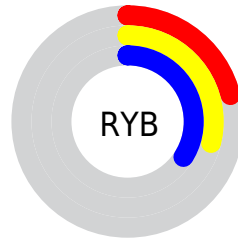
The CIELCh color **34, 14.481, 171.667** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 15.951, 358.968**, and the grayscale version is **32, 0.005, 296.813**.




A 20% lighter version of the original color is **54, 14.532, 172.029**, and **14, 14.897, 170.602** is the 20% darker color. If you saturate the color by 10%, you get **33, 18.014, 170.549**, and if you desaturate by 10%, it is **35, 10.743, 172.692**.

Distribution







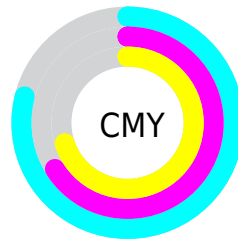
-  Red (21%)
-  Green (34%)
-  Blue (30%)






-  Red (21%)
-  Yellow (29%)
-  Blue (34%)



-  Cyan (37%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (66%)



-  Cyan (79%)
-  Magenta (66%)
-  Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.481, 171.667 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, 14.481, 171.667 by changing the saturation by 10% instead.

 34, 14.481,
171.667

 34, 14.481,
171.667

 100, 14.481,
171.667

 24, 14.481,
171.667

 54, 14.481,
171.667

 14, 14.481,
171.667

 64, 14.481,
171.667

 4, 14.481, 171.667

 74, 14.481,
171.667

 0, 14.481, 171.667

 84, 14.481,
171.667

 94, 14.481,
171.667

■ 34, 14.481,
171.667

■ 34, 14.481,
171.667

■ 33, 18.014,
170.549

■ 35, 10.743,
172.692

■ 33, 21.282,
169.327

■ 35, 6.855, 173.651

■ 36, 2.869, 174.584

■ 33, 24.236,
167.977

■ 37, 1.169, 355.100

■ 32, 26.833,
166.482

■ 38, 5.222, 356.052

■ 32, 29.052,
164.824

■ 39, 9.259, 356.815

■ 32, 31.055,
163.154

■ 40, 13.256,
357.531

■ 32, 31.641,
162.715

■ 41, 17.196,
358.211

■ 42, 21.067,
358.863

Harmonies

Complementary

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



34, 14.481, 171.667



27, 15.951, 358.968

Rectangle

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



34, 14.481, 171.667



34, 14.481, 221.667



34, 14.481, 351.667



34, 14.481, 41.667

Sweetspot

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



34, 14.482, 171.665



46, 5.497, 174.183



34, 22.084, 133.569



23, 3.652, 174.116



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 14.482, 171.665



44, 21.406, 170.621



32, 10.510, 218.949



17, 2.264, 174.424



40, 37.186, 162.061



83, 67.782, 160.501

Inverse Universe

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



27, 15.951, 358.968



33, 24.178, 0.360



28, 13.396, 37.672



16, 2.315, 355.776



21, 45.432, 16.843



50, 82.240, 20.913

Previews

White Background



This preview shows how the CIELCh color 34, 14.481, 171.667 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 34, 14.481, 171.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

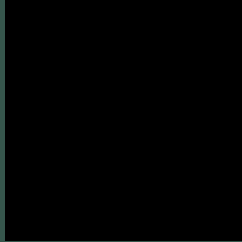
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 14.481, 171.667

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.481, 171.667.



This preview shows how white text looks on a background with the CIELCh color 34, 14.481, 171.667.

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, 14.481, 171.667

Protanopia

34, 4.148, 83.991

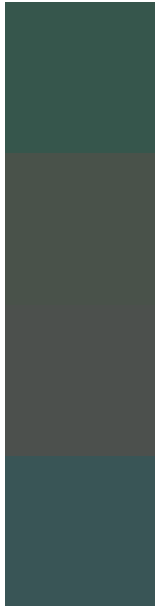
Deuteranopia

34, 4.896, 12.793



Tritanopia
34, 10.627, 222.786

Trichromacy



Original Color
34, 14.481, 171.667

Protanomaly
34, 6.390, 147.018

Deuteranomaly
34, 2.570, 152.109

Tritanomaly
34, 10.857, 201.280

Monochromacy



Original Color
34, 14.481, 171.667

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 5.730, 172.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.481, 171.667 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(54, 86, 76)` looks like.

```
.text, #text, p{  
    color:rgb(54, 86, 76)  
}
```

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(54, 86, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 86, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.481, 171.667 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(54, 86, 76) }
```

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

```
.border{ border-color:rgb(54, 86, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 86, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 86, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 86, 76);  
box-shadow:4px 4px 4px 4px rgb(54, 86, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.481, 171.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 86, 76) }
```

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

```
.background{ background-color: rgb(54, 86,  
76) }
```

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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