

Converting Colors

CIELCh(34, 14.926, 165.702)

Have a look what the booklet for
CIELCh(34, 14.926, 165.702)
contains.

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Color

CIELCh(34, 14.560, 166.263)

Conversions

Conversions Part 1

Format	Color
Hex	38564A
RGB	56, 86, 74
RGB Percent	22%, 34%, 29%
CMY	0.7801, 0.6624, 0.7095
CMYK	0.35, 0.00, 0.14, 0.66
HSL	156°, 21%, 28%
HSV	156°, 35%, 34%
XYZ	6.2092, 8.0082, 7.7120
YIQ	75.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

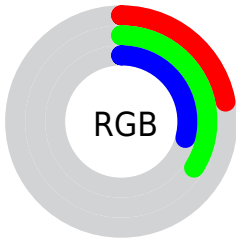
Format	Color
RYB	56, 75, 86
Decimal	3692106
CIELab	34.00, -14.14, 3.46
CIElCh	34, 14.560, 166.263
Yxy	8.0082, 0.2831, 0.3652
Android (android.graphics.Color)	4281882186 (0xFF38564A)
YUV	75.6620, -0.8194, -17.2436
Hunter-Lab	28.2988, -10.3571, 3.6515

Details

The CIELCh color **34, 14.560, 166.263** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 15.509, 352.762**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 14.533, 166.906**, and **14, 15.062, 164.849** is the 20% darker color. If you saturate the color by 10%, you get **33, 18.467, 165.150**, and if you desaturate by 10%, it is **35, 10.488, 167.274**.

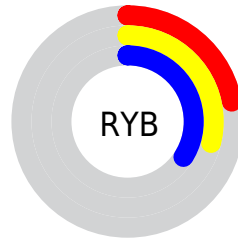
Distribution



Red (22%)

Green (34%)

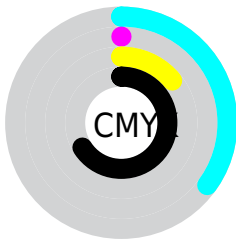
Blue (29%)



Red (22%)

Yellow (29%)

Blue (34%)

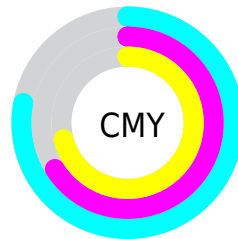


Cyan (35%)

Magenta (0%)

Yellow (14%)

Black (66%)



Cyan (78%)

Magenta (66%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.560, 166.263 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, 14.560, 166.263 by changing the saturation by 10% instead.


 34, 14.560,
166.263


 34, 14.560,
166.263

 100, 14.560,
166.263

 24, 14.560,
166.263

 54, 14.560,
166.263

 14, 14.560,
166.263

 64, 14.560,
166.263

 4, 14.560, 166.263

 74, 14.560,
166.263

 0, 14.560, 166.263

 84, 14.560,
166.263

 94, 14.560,
166.263

■ 34, 14.560,
166.263

■ 34, 14.560,
166.263

■ 33, 18.467,
165.150

■ 35, 10.488,
167.274

■ 33, 22.145,
163.919

■ 35, 6.305, 168.210

■ 36, 2.063, 169.136

■ 33, 25.538,
162.550

■ 37, 2.194, 349.697

■ 32, 28.595,
161.024

■ 38, 6.432, 350.504

■ 32, 31.284,
159.325

■ 39, 10.622,
351.208

■ 32, 33.684,
157.544

■ 40, 14.745,
351.866

■ 32, 34.922,
156.720

■ 41, 18.787,
352.487

■ 42, 22.738,

Harmonies

Complementary

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



34, 14.560, 166.263



27, 15.509, 352.762

Rectangle

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



34, 14.560, 166.263



34, 14.560, 216.263



34, 14.560, 346.263



34, 14.560, 36.263

Sweetspot

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



34, 14.561, 166.261



46, 5.289, 168.618



34, 20.131, 130.463



23, 3.569, 168.543



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, 14.561, 166.261



44, 21.568, 165.316



34, 10.675, 206.520



17, 2.393, 168.759



39, 41.182, 156.023



82, 75.434, 154.391

Inverse Universe

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



27, 15.509, 352.762



34, 23.320, 353.862



28, 13.415, 28.584



16, 2.433, 350.073



21, 44.626, 8.824



50, 79.761, 12.547

Previews

White Background



This preview shows how the CIELCh color 34, 14.560, 166.263 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, 14.560, 166.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

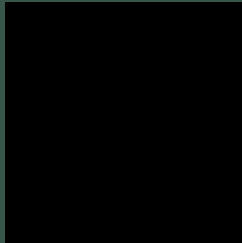
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 14.560, 166.263

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.560, 166.263.



This preview shows how white text looks on a background with the CIELCh color 34, 14.560, 166.263.

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

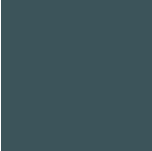
34, 14.560, 166.263

Protanopia

34, 5.311, 89.457

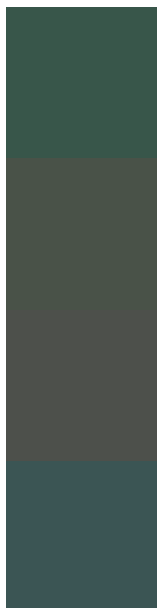
Deuteranopia

34, 5.388, 26.789



Tritanopia
34, 9.828, 220.924

Trichromacy



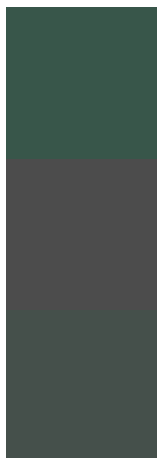
Original Color
34, 14.560, 166.263

Protanomaly
34, 7.427, 141.150

Deuteranomaly
34, 3.405, 132.272

Tritanomaly
34, 10.316, 194.485

Monochromacy



Original Color
34, 14.560, 166.263

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 5.709, 165.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.560, 166.263 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, 86, 74)` looks like.

```
.text, #text, p{  
    color:rgb(56, 86, 74)  
}
```

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, 86, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 86, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.560, 166.263 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, 86, 74) }
```

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

```
.border{ border-color:rgb(56, 86, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 86, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 86, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 86, 74);  
box-shadow:4px 4px 4px 4px rgb(56, 86, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.560, 166.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 86, 74) }
```

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

```
.background{ background-color: rgb(56, 86,  
74) }
```

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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