

Converting Colors

CIELCh(34, 14.898, 137.682)

Have a look what the booklet for
CIELCh(34, 14.898, 137.682)
contains.

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Color

CIELCh(34, 14.387, 137.726)

Conversions

Conversions Part 1

Format	Color
Hex	445440
RGB	68, 84, 64
RGB Percent	27%, 33%, 25%
CMY	0.7320, 0.6692, 0.7477
CMYK	0.19, 0.00, 0.24, 0.67
HSL	108°, 13%, 29%
HSV	108°, 24%, 33%
XYZ	6.5384, 8.0082, 6.1003
YIQ	76.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

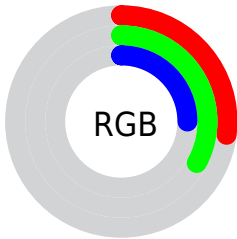
Format	Color
RYB	64, 84, 80
Decimal	4478016
CIELab	34.00, -10.65, 9.68
CIELCh	34, 14.387, 137.726
Yxy	8.0082, 0.3167, 0.3879
Android (android.graphics.Color)	4282668096 (0xFF445440)
YUV	76.9360, -6.3774, -7.8369
Hunter-Lab	28.2988, -8.2804, 7.0282

Details

The CIELCh color $[34, 14.387, 137.726]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[30, 14.536, 319.766]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 14.636, 138.583]$, and $[14, 14.757, 137.726]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 20.441, 137.173]$, and if you desaturate by 10%, it is $[35, 8.302, 138.230]$.

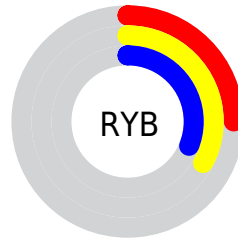
Distribution



Red (27%)

Green (33%)

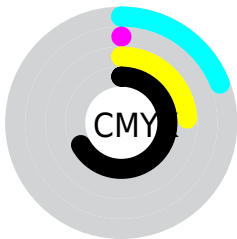
Blue (25%)



Red (25%)

Yellow (33%)

Blue (31%)

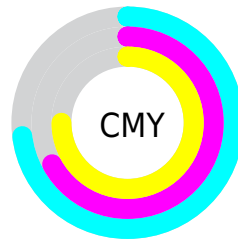


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (67%)



Cyan (73%)


Magenta (67%)

Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.387, 137.726 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, 14.387, 137.726 by changing the saturation by 10% instead.


 34, 14.387,
137.726


 34, 14.387,
137.726

 100, 14.387,
137.726


 24, 14.387,
137.726

 54, 14.387,
137.726

 14, 14.387,
137.726


 64, 14.387,
137.726

 4, 14.387, 137.726

 74, 14.387,
137.726

 0, 14.387, 137.726

 84, 14.387,
137.726

 94, 14.387,
137.726

■ 34, 14.387,
137.726

■ 34, 14.387,
137.726

■ 33, 20.441,
137.173

■ 35, 8.302, 138.230

■ 33, 26.384,
136.575

■ 36, 2.242, 138.708

■ 36, 3.753, 319.016

■ 32, 32.117,
135.953

■ 37, 9.650, 319.373

■ 32, 37.504,
135.344

■ 38, 15.430,
319.671

■ 31, 42.373,
134.809

■ 39, 21.080,
319.927

■ 31, 46.515,
134.437

■ 40, 26.591,
320.148

■ 31, 49.895,
134.189

■ 42, 31.962,
320.337

■ 31, 52.008,

■ 43, 37.191,

133.796

320.500

Harmonies

Complementary

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



34, 14.387, 137.726



30, 14.536, 319.766

Rectangle

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



34, 14.387, 137.726



34, 14.387, 187.726



34, 14.387, 317.726



34, 14.387, 7.726

Sweetspot

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



34, 14.388, 137.727



46, 5.238, 138.535



34, 9.971, 96.838



23, 3.431, 138.525



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, 14.388, 137.727



44, 21.086, 137.444



34, 12.526, 151.996



17, 3.453, 138.462



39, 61.701, 134.143



82, 110.612, 134.792

Inverse Universe

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



30, 14.536, 319.766



37, 21.344, 319.980



30, 12.623, 335.113



16, 3.471, 319.142



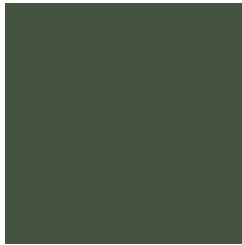
20, 62.113, 321.045



48, 110.620, 320.595

Previews

White Background



This preview shows how the CIE LCh color 34, 14.387, 137.726 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, 14.387, 137.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

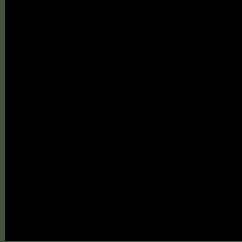
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

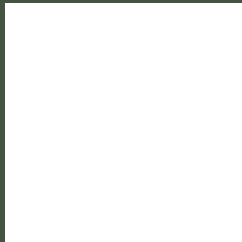
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 14.387, 137.726

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.387, 137.726.



This preview shows how white text looks on a background with the CIELCh color 34, 14.387, 137.726.

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

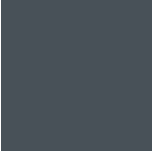
34, 14.387, 137.726

Protanopia

34, 11.446, 96.420

Deuteranopia

34, 9.874, 63.832



Tritanopia
34, 5.630, 250.557

Trichromacy



Original Color

34, 14.387, 137.726

Protanomaly

34, 11.871, 114.813

Deuteranomaly

34, 9.447, 100.117

Tritanomaly

34, 5.046, 176.796

Monochromacy



Original Color

34, 14.387, 137.726

Achromatopsia

33, 0.005, 296.813

Achromatomaly

33, 5.691, 136.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.387, 137.726 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(68, 84, 64)` looks like.

```
.text, #text, p{  
    color:rgb(68, 84, 64)  
}
```

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(68, 84, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 84, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.387, 137.726 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(68, 84, 64) }
```

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

```
.border{ border-color:rgb(68, 84, 64) }
```

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

Here you see how a box with a 4 pixel rgb(68, 84, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 84, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 84, 64);  
box-shadow:4px 4px 4px 4px rgb(68, 84, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.387, 137.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 84, 64) }
```

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

```
.background{ background-color: rgb(68, 84,  
64) }
```

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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