

Converting Colors

CIELCh(34, 13.977, 277.237)

Have a look what the booklet for
CIELCh(34, 13.977, 277.237)
contains.

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Color

CIELCh(34, 14.167, 277.224)

Conversions

Conversions Part 1

Format	Color
Hex	465066
RGB	70, 80, 102
RGB Percent	27%, 31%, 40%
CMY	0.7253, 0.6861, 0.5998
CMYK	0.31, 0.22, 0.00, 0.60
HSL	221°, 19%, 34%
HSV	221°, 31%, 40%
XYZ	7.8019, 8.0082, 13.7174
YIQ	79.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

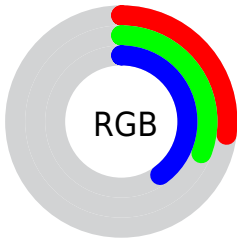
Format	Color
R_{YB}	70, 78, 102
Decimal	4608102
CIE _{Lab}	34.00, 1.78, -14.05
CIE _{LCh}	34, 14.167, 277.224
Yxy	8.0082, 0.2642, 0.2712
Android (android.graphics.Color)	4282798182 (0xFF465066)
YUV	79.5180, 11.0836, -8.3473
Hunter-Lab	28.2988, -0.3110, -8.9307

Details

The CIELCh color **34, 14.167, 277.224** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 14.153, 89.016**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 14.200, 277.201**, and **14, 13.931, 276.739** is the 20% darker color. If you saturate the color by 10%, you get **31, 18.854, 279.128**, and if you desaturate by 10%, it is **37, 9.566, 275.580**.

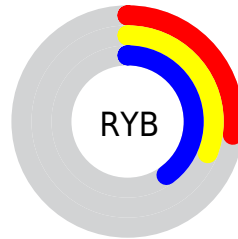
Distribution



Red (27%)

Green (31%)

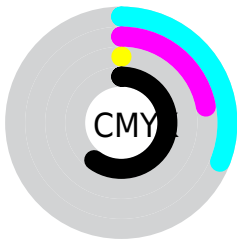
Blue (40%)



Red (27%)

Yellow (31%)

Blue (40%)

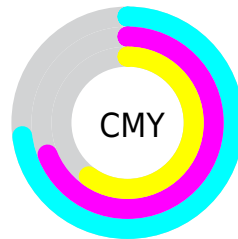


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (60%)



Cyan (73%)


Magenta (69%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.167, 277.224 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, 14.167, 277.224 by changing the saturation by 10% instead.


 34, 14.167,
277.224

 34, 14.167,
277.224

 100, 14.167,
277.224


 24, 14.167,
277.224

 54, 14.167,
277.224

 14, 14.167,
277.224

 64, 14.167,
277.224

 4, 14.167, 277.224

 74, 14.167,
277.224

 0, 14.167, 277.224

 84, 14.167,
277.224

 94, 14.167,
277.224

■ 34, 14.167,
277.224

■ 34, 14.167,
277.224

■ 31, 18.854,
279.128

■ 37, 9.566, 275.580

■ 28, 23.639,
281.329

■ 40, 5.046, 274.169

■ 43, 0.603, 273.139

■ 25, 28.536,
283.849

■ 46, 3.764, 91.797

■ 23, 33.564,
286.688

■ 49, 8.057, 90.877

■ 52, 12.274, 90.056

■ 20, 38.729,
289.806

■ 54, 16.417, 89.327

■ 17, 44.007,
293.097

■ 57, 20.487, 88.677

■ 60, 24.483, 88.094

■ 15, 48.631,
295.662

Harmonies

Complementary

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



34, 14.167, 277.224



39, 14.153, 89.016

Rectangle

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



34, 14.167, 277.224



34, 14.167, 327.224



34, 14.167, 97.224



34, 14.167, 147.224

Sweetspot

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



34, 14.166, 277.223



52, 4.950, 273.902



41, 14.218, 171.920



26, 3.415, 274.037



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 14.166, 277.223



42, 21.436, 278.671



32, 20.535, 299.863



20, 2.489, 273.860



18, 53.606, 296.175



40, 98.903, 298.315

Inverse Universe

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



34, 15.401, 358.313



41, 23.327, 359.376



42, 19.214, 115.278



19, 2.658, 355.819



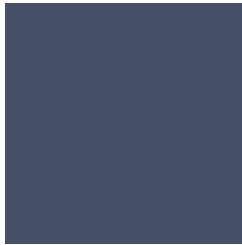
23, 47.803, 17.337



51, 84.315, 21.041

Previews

White Background



This preview shows how the CIELCh color 34, 14.167, 277.224 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, 14.167, 277.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

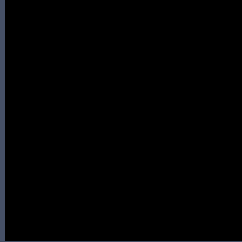
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

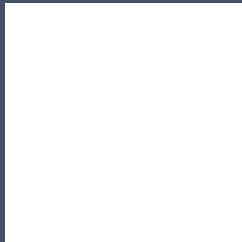
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 14.167, 277.224

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.167, 277.224.

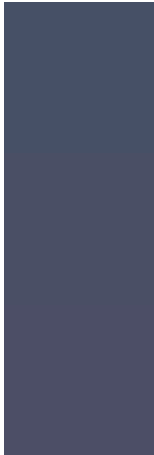


This preview shows how white text looks on a background with the CIELCh color 34, 14.167, 277.224.

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

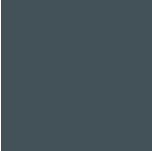
34, 14.167, 277.224

Protanopia

34, 13.884, 284.639

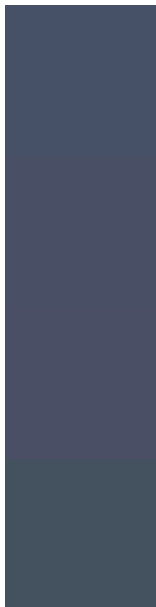
Deuteranopia

34, 15.079, 289.832



Tritanopia
34, 7.277, 236.070

Trichromacy



Original Color
34, 14.167, 277.224

Protanomaly
34, 13.930, 283.120

Deuteranomaly
34, 14.502, 285.118

Tritanomaly
34, 9.437, 259.296

Monochromacy



Original Color
34, 14.167, 277.224

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.245, 272.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.167, 277.224 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(70, 80, 102)` looks like.

```
.text, #text, p{  
    color:rgb(70, 80, 102)  
}
```

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(70, 80, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 80, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.167, 277.224 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(70, 80, 102) }
```

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

```
.border{ border-color:rgb(70, 80, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 80, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 80, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 80, 102);  
box-shadow:4px 4px 4px 4px rgb(70, 80,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.167, 277.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 80, 102) }
```

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

```
.background{ background-color: rgb(70, 80,  
102) }
```

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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