

Converting Colors

CIELCh(34, 14.171, 233.569)

Have a look what the booklet for
CIELCh(34, 14.171, 233.569)
contains.

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Color

CIELCh(34, 14.169, 233.497)

Conversions

Conversions Part 1

Format	Color
Hex	335562
RGB	51, 85, 98
RGB Percent	20%, 33%, 38%
CMY	0.8015, 0.6681, 0.6172
CMYK	0.48, 0.13, 0.00, 0.62
HSL	197°, 32%, 29%
HSV	197°, 48%, 38%
XYZ	6.7530, 8.0082, 12.6523
YIQ	76.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

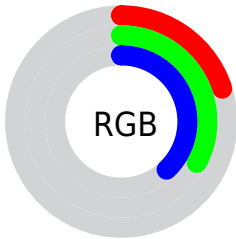
Format	Color
RYB	51, 71, 98
Decimal	3364194
CIELab	34.00, -8.43, -11.39
CIELCh	34, 14.169, 233.497
Yxy	8.0082, 0.2463, 0.2921
Android (android.graphics.Color)	4281554274 (0xFF335562)
YUV	76.3160, 10.6902, -22.2021
Hunter-Lab	28.2988, -6.9271, -6.6992




Details

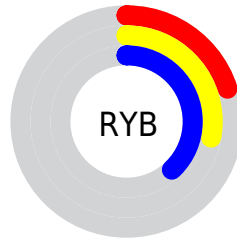
The CIELCh color **34, 14.169, 233.497** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 19.173, 46.849**, and the grayscale version is **32, 0.005, 296.813**.




A 20% lighter version of the original color is **54, 14.359, 232.828**, and **14, 14.252, 234.594** is the 20% darker color. If you saturate the color by 10%, you get **33, 16.431, 235.364**, and if you desaturate by 10%, it is **35, 11.628, 232.005**.

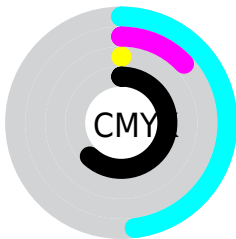
Distribution







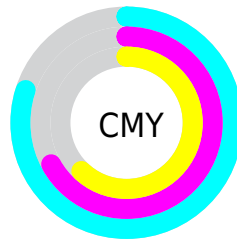
-  Red (20%)
-  Green (33%)
-  Blue (38%)






-  Red (20%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (48%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (80%)
-  Magenta (67%)
-  Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.169, 233.497 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, 14.169, 233.497 by changing the saturation by 10% instead.


 34, 14.169,
233.497

 34, 14.169,
233.497

 100, 14.169,
233.497

 24, 14.169,
233.497

 54, 14.169,
233.497

 14, 14.169,
233.497

 64, 14.169,
233.497

 4, 14.169, 233.497

 74, 14.169,
233.497

 0, 14.169, 233.497

 84, 14.169,
233.497

 94, 14.169,
233.497

■ 34, 14.169,
233.497

■ 34, 14.169,
233.497

■ 33, 16.431,
235.364

■ 35, 11.628,
232.005

■ 31, 18.392,
237.687

■ 37, 8.842, 230.827

■ 30, 20.045,
240.538

■ 38, 5.848, 229.908

■ 40, 2.683, 229.234

■ 29, 21.412,
243.975

■ 42, 0.621, 48.048

■ 28, 22.660,
247.662

■ 43, 4.032, 48.017

■ 45, 7.525, 47.705

■ 28, 22.905,
248.305

■ 47, 11.079, 47.450

■ 49, 14.674, 47.253

Harmonies

Complementary

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



34, 14.169, 233.497



30, 19.173, 46.849

Rectangle

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



34, 14.169, 233.497



34, 14.169, 283.497



34, 14.169, 53.497



34, 14.169, 103.497

Sweetspot

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



34, 14.169, 233.495



51, 5.670, 229.626



37, 28.684, 148.973



25, 3.867, 229.737



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 14.169, 233.495



43, 20.271, 235.707



27, 23.625, 285.698



19, 1.834, 229.272



32, 25.402, 249.180



67, 45.408, 252.478

Inverse Universe

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



28, 28.680, 336.661



34, 42.021, 337.627



37, 22.554, 92.827



18, 3.337, 333.862



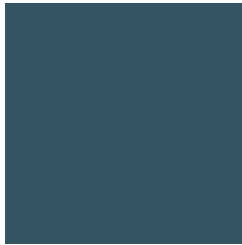
24, 51.589, 342.337



54, 89.182, 343.503

Previews

White Background



This preview shows how the CIELCh color 34, 14.169, 233.497 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, 14.169, 233.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

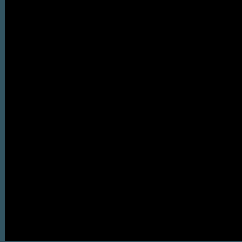
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 14.169, 233.497

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.169, 233.497.



This preview shows how white text looks on a background with the CIELCh color 34, 14.169, 233.497.

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

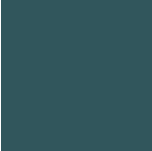
34, 14.169, 233.497

Protanopia

34, 9.434, 286.937

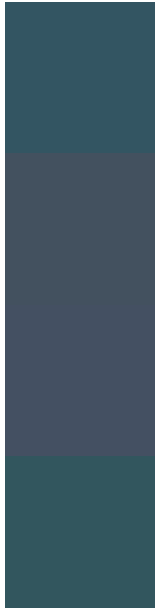
Deuteranopia

34, 13.196, 292.410



Tritanopia
34, 13.742, 213.742

Trichromacy



Original Color
34, 14.169, 233.497

Protanomaly
34, 10.132, 259.619

Deuteranomaly
34, 12.031, 269.898

Tritanomaly
34, 13.664, 219.530

Monochromacy



Original Color
34, 14.169, 233.497

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 5.732, 232.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.169, 233.497 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(51, 85, 98)` looks like.

```
.text, #text, p{  
    color:rgb(51, 85, 98)  
}
```

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(51, 85, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 85, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.169, 233.497 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(51, 85, 98) }
```

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

```
.border{ border-color:rgb(51, 85, 98) }
```

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

Here you see how a box with a 4 pixel rgb(51, 85, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 85, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 85, 98);  
box-shadow:4px 4px 4px 4px rgb(51, 85, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.169, 233.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 85, 98) }
```

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

```
.background{ background-color: rgb(51, 85,  
98) }
```

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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