

Converting Colors

CIELCh(34, 16.782, 269.455)

Have a look what the booklet for
CIELCh(34, 16.782, 269.455)
contains.

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Color

CIELCh(34, 16.776, 269.179)

Conversions

Conversions Part 1

Format	Color
Hex	3E516A
RGB	62, 81, 106
RGB Percent	24%, 32%, 42%
CMY	0.7557, 0.6812, 0.5831
CMYK	0.41, 0.24, 0.00, 0.58
HSL	214°, 26%, 33%
HSV	214°, 41%, 42%
XYZ	7.5861, 8.0082, 14.8643
YIQ	78.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

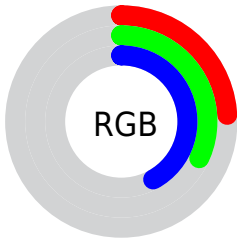
Format	Color
RYB	62, 75, 106
Decimal	4084074
CIELab	34.00, -0.24, -16.77
CIELCh	34, 16.776, 269.179
Yxy	8.0082, 0.2491, 0.2629
Android (android.graphics.Color)	4282274154 (0xFF3E516A)
YUV	78.1690, 13.7207, -14.1802
Hunter-Lab	28.2988, -1.6719, -11.3336

Details

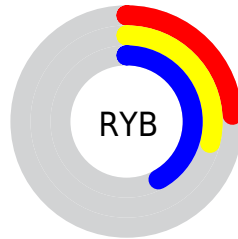
The CIELCh color **34, 16.776, 269.179** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38, 17.889, 77.311**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 16.697, 268.728**, and **14, 16.815, 268.713** is the 20% darker color. If you saturate the color by 10%, you get **31, 20.822, 271.548**, and if you desaturate by 10%, it is **37, 12.725, 267.146**.

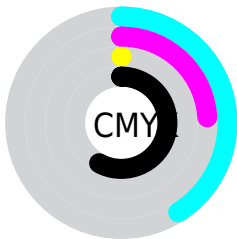
Distribution



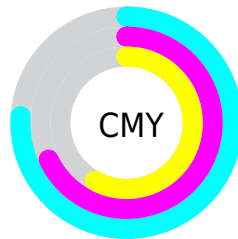
- Red (24%)
- Green (32%)
- Blue (42%)



- Red (24%)
- Yellow (29%)
- Blue (42%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)





- Cyan (76%)
- Magenta (68%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 16.776, 269.179 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, 16.776, 269.179 by changing the saturation by 10% instead.


 34, 16.776,
269.179


 34, 16.776,
269.179

 100, 16.776,
269.179


 24, 16.776,
269.179

 54, 16.776,
269.179


 14, 16.776,
269.179


 64, 16.776,
269.179

 4, 16.776, 269.179

 74, 16.776,
269.179

 0, 16.776, 269.179

 84, 16.776,
269.179

 94, 16.776,
269.179

■ 34, 16.776,
269.179

■ 34, 16.776,
269.179

■ 31, 20.822,
271.548

■ 37, 12.725,
267.146

■ 29, 24.875,
274.292

■ 39, 8.671, 265.410

■ 42, 4.617, 263.936

■ 26, 28.953,
277.428

■ 45, 0.570, 262.954

■ 24, 33.088,
280.934

■ 47, 3.462, 81.437

■ 22, 37.312,
284.731

■ 50, 7.474, 80.500

■ 53, 11.457, 79.662

■ 20, 41.074,
287.772

■ 55, 15.407, 78.920

■ 58, 19.320, 78.260

Harmonies

Complementary

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



34, 16.776, 269.179



38, 17.889, 77.311

Rectangle

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



34, 16.776, 269.179



34, 16.776, 319.179



34, 16.776, 89.179



34, 16.776, 139.179

Sweetspot

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



34, 16.775, 269.178



53, 6.011, 264.062



41, 20.923, 163.457



27, 3.957, 264.178



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 16.775, 269.178



41, 25.049, 271.539



29, 28.461, 297.351



21, 2.290, 263.617



22, 44.560, 288.280



48, 81.468, 290.844

Inverse Universe

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



32, 22.320, 351.698



39, 33.179, 353.136



44, 25.773, 109.451



21, 2.968, 348.197



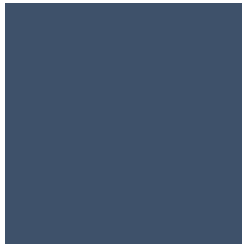
24, 47.567, 6.443



52, 81.980, 9.570

Previews

White Background



This preview shows how the CIE LCh color 34, 16.776, 269.179 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, 16.776, 269.179 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

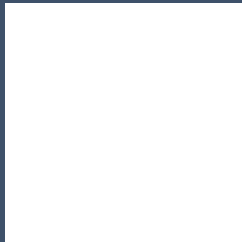
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 16.776, 269.179

Background



This preview shows how black text looks on a background with the CIELCh color 34, 16.776, 269.179.

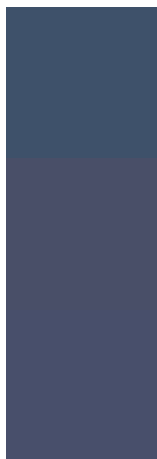


This preview shows how white text looks on a background with the CIELCh color 34, 16.776, 269.179.

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, 16.776, 269.179

Protanopia

34, 15.776, 284.665

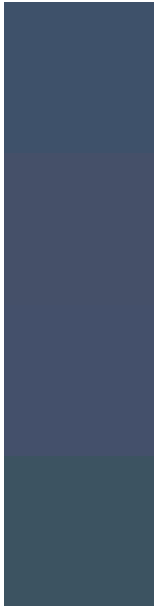
Deuteranopia

34, 17.663, 284.794



Tritanopia
34, 10.627, 222.786

Trichromacy



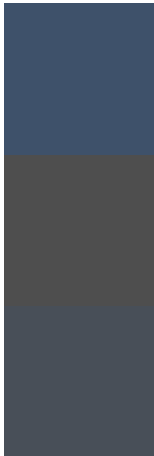
Original Color
34, 16.776, 269.179

Protanomaly
34, 16.038, 278.279

Deuteranomaly
34, 17.307, 278.546

Tritanomaly
34, 11.952, 246.234

Monochromacy



Original Color
34, 16.776, 269.179

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 6.265, 264.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 16.776, 269.179 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(62, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(62, 81, 106)  
}
```

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(62, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 81, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 16.776, 269.179 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(62, 81, 106) }
```

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

```
.border{ border-color:rgb(62, 81, 106) }
```

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

Here you see how a box with a 4 pixel rgb(62, 81, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(62, 81,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 16.776, 269.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 81, 106) }
```

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

```
.background{ background-color: rgb(62, 81,  
106) }
```

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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