

Converting Colors

CIELCh(34, 15.218, 274.022)

Have a look what the booklet for
CIELCh(34, 15.218, 274.022)
contains.

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Color

CIELCh(34, 15.098, 272.781)

Conversions

Conversions Part 1

Format	Color
Hex	435168
RGB	67, 81, 104
RGB Percent	26%, 32%, 41%
CMY	0.7386, 0.6837, 0.5935
CMYK	0.36, 0.22, 0.00, 0.59
HSL	217°, 22%, 33%
HSV	217°, 36%, 41%
XYZ	7.6895, 8.0082, 14.1427
YIQ	79.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

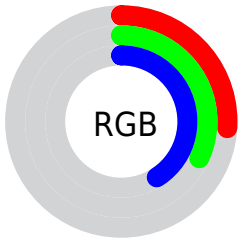
Format	Color
R_{YB}	67, 77, 104
Decimal	4411752
CIE Lab	34.00, 0.73, -15.08
CIE LCh	34, 15.098, 272.781
Yxy	8.0082, 0.2577, 0.2684
Android (android.graphics.Color)	4282601832 (0xFF435168)
YUV	79.4360, 12.1101, -10.9064
Hunter-Lab	28.2988, -1.0202, -9.8218

Details

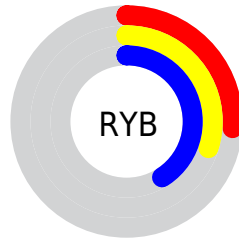
The CIELCh color **34, 15.098, 272.781** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 15.520, 82.935**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 15.089, 272.705**, and **14, 14.974, 271.908** is the 20% darker color. If you saturate the color by 10%, you get **31, 19.415, 274.895**, and if you desaturate by 10%, it is **37, 10.820, 270.960**.

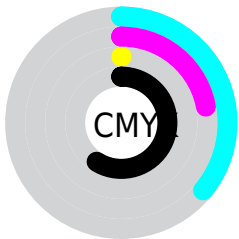
Distribution



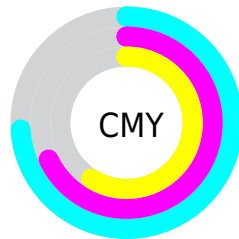
- Red (26%)
- Green (32%)
- Blue (41%)



- Red (26%)
- Yellow (30%)
- Blue (41%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (59%)



- Cyan (74%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 15.098, 272.781 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, 15.098, 272.781 by changing the saturation by 10% instead.

■ 34, 15.098,
272.781

■ 34, 15.098,
272.781

■ 100, 15.098,
272.781

■ 24, 15.098,
272.781

■ 54, 15.098,
272.781

■ 14, 15.098,
272.781

■ 64, 15.098,
272.781

■ 4, 15.098, 272.781

■ 74, 15.098,
272.781

■ 0, 15.098, 272.781

■ 84, 15.098,
272.781

■ 94, 15.098,
272.781

■ 34, 15.098,
272.781

■ 34, 15.098,
272.781

■ 31, 19.415,
274.895

■ 37, 10.820,
270.960

■ 29, 23.781,
277.342

■ 40, 6.579, 269.400

■ 42, 2.376, 268.091

■ 26, 28.211,
280.144

■ 45, 1.786, 86.750

■ 23, 32.729,
283.295

■ 48, 5.904, 85.793

■ 21, 37.355,
286.745

■ 51, 9.975, 84.908

■ 53, 13.995, 84.123

■ 19, 42.105,
290.267

■ 56, 17.962, 83.424

■ 18, 44.204,
291.622

■ 59, 21.875, 82.799

Harmonies

Complementary

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



34, 15.098, 272.781



39, 15.520, 82.935

Rectangle

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



34, 15.098, 272.781



34, 15.098, 322.781



34, 15.098, 92.781



34, 15.098, 142.781

Sweetspot

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



34, 15.097, 272.780



53, 5.728, 268.794



41, 17.115, 167.106



27, 3.880, 268.921



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, 15.097, 272.780



42, 22.710, 274.568



30, 23.786, 298.142



20, 2.318, 268.480



20, 48.105, 292.117



44, 88.880, 294.544

Inverse Universe

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



33, 18.338, 354.378



40, 27.558, 355.567



43, 21.938, 112.108



19, 2.757, 351.452



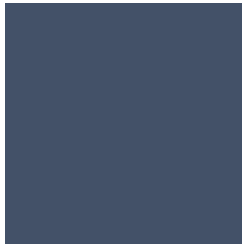
23, 47.007, 11.258



51, 82.176, 14.756

Previews

White Background



This preview shows how the CIELCh color 34, 15.098, 272.781 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, 15.098, 272.781 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

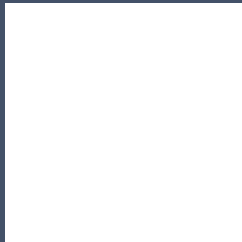
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 15.098, 272.781

Background



This preview shows how black text looks on a background with the CIELCh color 34, 15.098, 272.781.

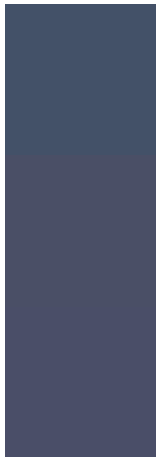


This preview shows how white text looks on a background with the CIELCh color 34, 15.098, 272.781.

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

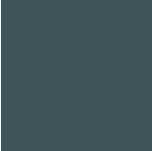
34, 15.098, 272.781

Protanopia

34, 14.502, 285.118

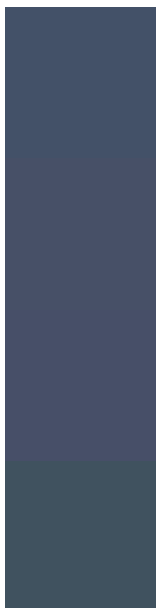
Deuteranopia

34, 16.362, 287.694



Tritanopia
34, 8.790, 228.647

Trichromacy



Original Color
34, 15.098, 272.781

Protanomaly
34, 14.691, 279.404

Deuteranomaly
34, 15.873, 282.075

Tritanomaly
34, 10.434, 250.588

Monochromacy



Original Color
34, 15.098, 272.781

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.376, 268.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 15.098, 272.781 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(67, 81, 104)` looks like.

```
.text, #text, p{  
    color:rgb(67, 81, 104)  
}
```

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(67, 81, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 81, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 15.098, 272.781 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(67, 81, 104) }
```

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

```
.border{ border-color:rgb(67, 81, 104) }
```

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

Here you see how a box with a 4 pixel rgb(67, 81, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 81, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 81, 104);  
box-shadow:4px 4px 4px 4px rgb(67, 81,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 15.098, 272.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 81, 104) }
```

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

```
.background{ background-color: rgb(67, 81,  
104) }
```

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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