

Converting Colors

CIELCh(34, 12.297, 179.826)

Have a look what the booklet for
CIELCh(34, 12.297, 179.826)
contains.

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Color

CIELCh(34, 12.297, 179.826)

Conversions

Conversions Part 1

Format	Color
Hex	395650
RGB	57, 86, 80
RGB Percent	22%, 34%, 31%
CMY	0.7783, 0.6646, 0.6881
CMYK	0.34, 0.00, 0.07, 0.66
HSL	168°, 20%, 28%
HSV	168°, 34%, 34%
XYZ	6.3816, 8.0082, 8.7083
YIQ	76.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

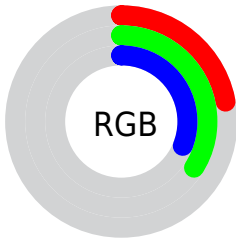
Format	Color
R_{YB}	57, 73, 86
Decimal	3757648
CIE _{Lab}	34.00, -12.30, 0.04
CIE _{LCh}	34, 12.297, 179.826
Yxy	8.0082, 0.2763, 0.3467
Android (android.graphics.Color)	4281947728 (0xFF395650)
YUV	76.6450, 1.6540, -17.2287
Hunter-Lab	28.2988, -9.2698, 1.5641

Details

The CIELCh color **34, 12.297, 179.826** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 13.962, 6.239**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 12.490, 179.272**, and **14, 12.399, 179.906** is the 20% darker color. If you saturate the color by 10%, you get **33, 15.528, 178.841**, and if you desaturate by 10%, it is **35, 8.844, 180.751**.

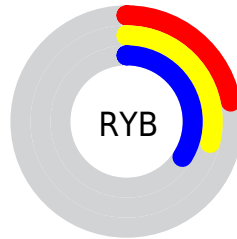
Distribution



 Red (22%)

 Green (34%)

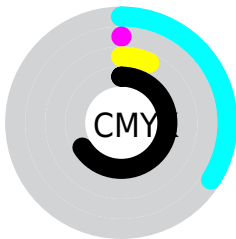
 Blue (31%)




 Red (22%)

 Yellow (29%)

 Blue (34%)

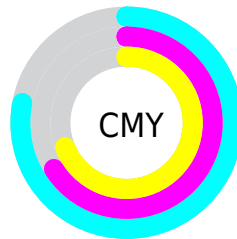


 Cyan (34%)

 Magenta (0%)

 Yellow (7%)

 Black (66%)



 Cyan (78%)


 Magenta (66%)

 Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 12.297, 179.826 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, 12.297, 179.826 by changing the saturation by 10% instead.


 34, 12.297,
179.826


 34, 12.297,
179.826

 100, 12.297,
179.826


 24, 12.297,
179.826

 54, 12.297,
179.826


 14, 12.297,
179.826


 64, 12.297,
179.826

 4, 12.297, 179.826

 74, 12.297,
179.826

 0, 12.297, 179.826

 84, 12.297,
179.826

 94, 12.297,
179.826

■ 34, 12.297,
179.826

■ 34, 12.297,
179.826

■ 33, 15.528,
178.841

■ 35, 8.844, 180.751

■ 33, 18.482,
177.788

■ 35, 5.221, 181.644

■ 33, 21.111,
176.648

■ 36, 1.477, 182.608

■ 32, 23.374,
175.403

■ 37, 2.342, 3.100

■ 32, 25.250,
174.035

■ 38, 6.201, 3.940

■ 32, 26.803,
172.579

■ 39, 10.068, 4.698

■ 32, 27.751,
171.755

■ 40, 13.921, 5.423

■ 41, 17.740, 6.122

■ 42, 21.512, 6.799

Harmonies

Complementary

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



34, 12.297, 179.826



27, 13.962, 6.239

Rectangle

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



34, 12.297, 179.826



34, 12.297, 229.826



34, 12.297, 359.826



34, 12.297, 49.826

Sweetspot

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



34, 12.297, 179.823



46, 4.722, 181.960



34, 20.668, 136.694



23, 3.183, 181.885



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, 12.297, 179.823



44, 18.221, 178.989



32, 9.404, 232.362



17, 2.140, 182.101



40, 32.697, 171.182



83, 59.113, 169.855

Inverse Universe

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



27, 13.962, 6.239



34, 21.426, 7.496



29, 11.422, 47.917



16, 2.208, 3.406



21, 47.702, 25.859



49, 87.555, 29.849

Previews

White Background



This preview shows how the CIELCh color 34, 12.297, 179.826 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, 12.297, 179.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

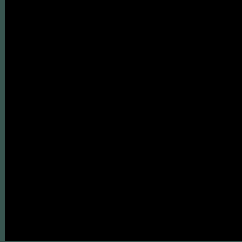
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 12.297, 179.826

Background



This preview shows how black text looks on a background with the CIELCh color 34, 12.297, 179.826.



This preview shows how white text looks on a background with the CIELCh color 34, 12.297, 179.826.

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, 12.297, 179.826

Protanopia

34, 2.285, 74.528

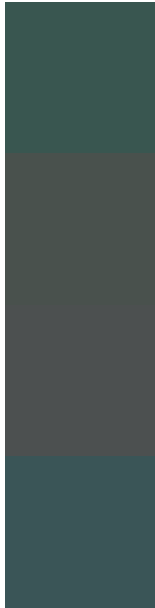
Deuteranopia

34, 5.031, 350.331



Tritanopia
34, 10.322, 223.597

Trichromacy



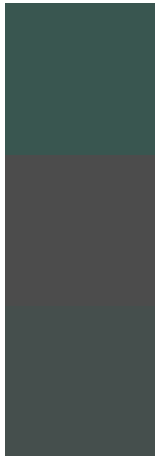
Original Color
34, 12.297, 179.826

Protanomaly
34, 4.281, 162.952

Deuteranomaly
34, 1.704, 199.322

Tritanomaly
34, 10.492, 204.929

Monochromacy



Original Color
34, 12.297, 179.826

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 4.448, 182.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 12.297, 179.826 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(57, 86, 80)` looks like.

```
.text, #text, p{  
    color:rgb(57, 86, 80)  
}
```

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(57, 86, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 86, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 12.297, 179.826 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(57, 86, 80) }
```

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

```
.border{ border-color:rgb(57, 86, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 86, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 86, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 86, 80);  
box-shadow:4px 4px 4px 4px rgb(57, 86, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 12.297, 179.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 86, 80) }
```

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

```
.background{ background-color: rgb(57, 86,  
80) }
```

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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