

Converting Colors

CIELCh(34, 10.302, 240.753)

Have a look what the booklet for
CIELCh(34, 10.302, 240.753)
contains.

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Color

CIELCh(34, 10.320, 240.811)

Conversions

Conversions Part 1

Format	Color
Hex	3E535E
RGB	62, 83, 94
RGB Percent	24%, 33%, 37%
CMY	0.7571, 0.6747, 0.6316
CMYK	0.34, 0.12, 0.00, 0.63
HSL	201°, 21%, 31%
HSV	201°, 34%, 37%
XYZ	7.0907, 8.0082, 11.7491
YIQ	77.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

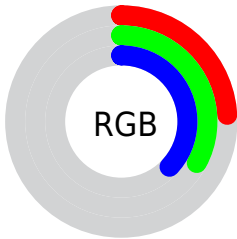
Format	Color
RYB	62, 75, 94
Decimal	4084574
CIELab	34.00, -5.03, -9.01
CIELCh	34, 10.320, 240.811
Yxy	8.0082, 0.2641, 0.2983
Android (android.graphics.Color)	4282274654 (0xFF3E535E)
YUV	77.9750, 7.9003, -14.0101
Hunter-Lab	28.2988, -4.7972, -4.8069

Details

The CIELCh color **34, 10.320, 240.811** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **33, 12.268, 54.496**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 10.151, 242.046**, and **14, 10.322, 242.240** is the 20% darker color. If you saturate the color by 10%, you get **32, 13.010, 242.511**, and if you desaturate by 10%, it is **36, 7.454, 239.422**.

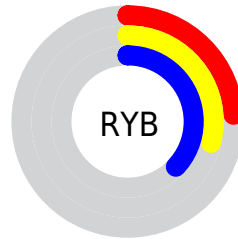
Distribution



Red (24%)

Green (33%)

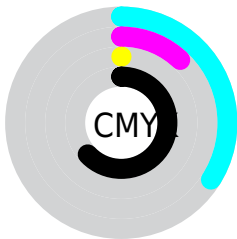
Blue (37%)



Red (24%)

Yellow (29%)

Blue (37%)

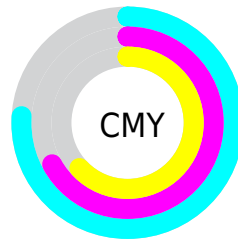


Cyan (34%)

Magenta (12%)

Yellow (0%)

Black (63%)



Cyan (76%)


Magenta (67%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.320, 240.811 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, 10.320, 240.811 by changing the saturation by 10% instead.


 34, 10.320,
240.811


 34, 10.320,
240.811

 100, 10.320,
240.811


 24, 10.320,
240.811

 54, 10.320,
240.811


 14, 10.320,
240.811


 64, 10.320,
240.811

 4, 10.320, 240.811

 74, 10.320,
240.811

 0, 10.320, 240.811

 84, 10.320,
240.811

 94, 10.320,
240.811

■ 34, 10.320,
240.811

■ 34, 10.320,
240.811

■ 32, 13.010,
242.511

■ 36, 7.454, 239.422

■ 31, 15.498,
244.596

■ 37, 4.439, 238.307

■ 39, 1.304, 237.525

■ 29, 17.769,
247.131

■ 41, 1.927, 56.401

■ 28, 19.819,
250.180

■ 43, 5.232, 55.861

■ 45, 8.590, 55.359

■ 26, 21.667,
253.789

■ 46, 11.986, 54.934

■ 25, 23.388,
257.835

■ 48, 15.407, 54.575

■ 50, 18.842, 54.273

■ 24, 24.457,
260.066

Harmonies

Complementary

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



34, 10.320, 240.811



33, 12.268, 54.496

Rectangle

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



34, 10.320, 240.811



34, 10.320, 290.811



34, 10.320, 60.811



34, 10.320, 110.811

Sweetspot

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



34, 10.320, 240.807



49, 3.952, 237.957



37, 18.876, 153.017



24, 2.667, 238.038



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 10.320, 240.807



43, 15.126, 242.182



29, 17.216, 286.754



18, 1.751, 237.830



29, 27.555, 261.131



61, 50.490, 264.706

Inverse Universe

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



30, 19.010, 338.540



38, 28.337, 339.230



37, 16.446, 98.749



17, 3.038, 336.647



23, 48.730, 346.991



52, 84.851, 348.667

Previews

White Background



This preview shows how the CIE LCh color 34, 10.320, 240.811 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, 10.320, 240.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

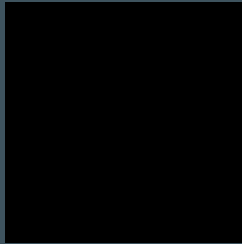
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

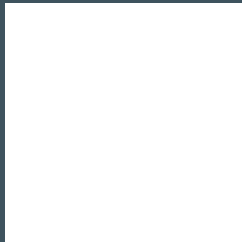
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 10.320, 240.811

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.320, 240.811.



This preview shows how white text looks on a background with the CIELCh color 34, 10.320, 240.811.

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

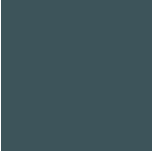
34, 10.320, 240.811

Protanopia

34, 7.538, 288.382

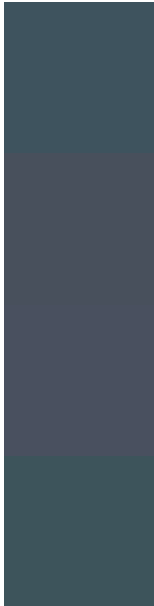
Deuteranopia

34, 10.730, 296.262



Tritanopia
34, 9.509, 221.764

Trichromacy



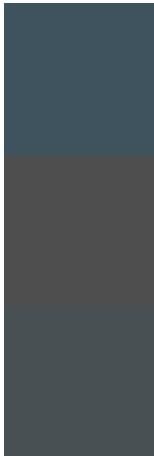
Original Color
34, 10.320, 240.811

Protanomaly
34, 8.090, 268.367

Deuteranomaly
34, 9.725, 275.397

Tritanomaly
34, 9.707, 225.393

Monochromacy



Original Color
34, 10.320, 240.811

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 4.105, 236.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.320, 240.811 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, 83, 94)` looks like.

```
.text, #text, p{  
    color:rgb(62, 83, 94)  
}
```

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, 83, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 83, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.320, 240.811 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, 83, 94) }
```

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

```
.border{ border-color:rgb(62, 83, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 83, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 83, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 83, 94);  
box-shadow:4px 4px 4px 4px rgb(62, 83, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.320, 240.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 83, 94) }
```

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

```
.background{ background-color: rgb(62, 83,  
94) }
```

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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