

Converting Colors

CIELCh(34, 10.229, 323.841)

Have a look what the booklet for
CIELCh(34, 10.229, 323.841)
contains.

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Color

CIELCh(34, 10.376, 323.218)

Conversions

Conversions Part 1

Format	Color
Hex	594C5A
RGB	89, 76, 90
RGB Percent	35%, 30%, 35%
CMY	0.6514, 0.7024, 0.6475
CMYK	0.01, 0.16, 0.00, 0.65
HSL	296°, 8%, 33%
HSV	296°, 16%, 35%
XYZ	8.5265, 8.0082, 10.7440
YIQ	81.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

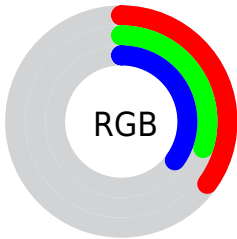
Format	Color
R_{YB}	89, 76, 90
Decimal	5852250
CIE Lab	34.00, 8.31, -6.21
CIE LCh	34, 10.376, 323.218
Yxy	8.0082, 0.3126, 0.2936
Android (android.graphics.Color)	4284042330 (0xFF594C5A)
YUV	81.4830, 4.1989, 6.5924
Hunter-Lab	28.2988, 4.2594, -2.7010

Details

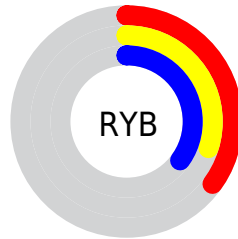
The CIELCh color $34, 10.376, 323.218$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37, 10.344, 141.724$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 10.269, 323.148$, and $14, 9.991, 323.263$ is the 20% darker color. If you saturate the color by 10%, you get $31, 17.092, 323.684$, and if you desaturate by 10%, it is $37, 3.690, 322.731$.

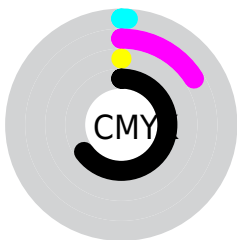
Distribution



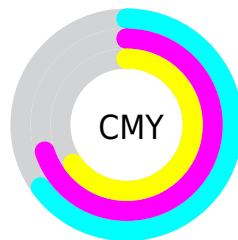
- Red (35%)
- Green (30%)
- Blue (35%)



- Red (35%)
- Yellow (30%)
- Blue (35%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)





- Cyan (65%)
- Magenta (70%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.376, 323.218 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, 10.376, 323.218 by changing the saturation by 10% instead.


 34, 10.376,
323.218


 34, 10.376,
323.218

 100, 10.376,
323.218


 24, 10.376,
323.218

 54, 10.376,
323.218


 14, 10.376,
323.218


 64, 10.376,
323.218

 4, 10.376, 323.218

 74, 10.376,
323.218

 0, 10.376, 323.218

 84, 10.376,
323.218

 94, 10.376,
323.218

■ 34, 10.376,
323.218

■ 34, 10.376,
323.218

■ 31, 17.092,
323.684

■ 37, 3.690, 322.731

■ 39, 2.899, 142.357

■ 29, 23.746,
324.133

■ 42, 9.352, 141.881

■ 27, 30.204,
324.552

■ 45, 15.644,
141.449

■ 24, 36.292,
324.925

■ 48, 21.765,
141.041

■ 23, 41.795,
325.233

■ 51, 27.709,
140.657

■ 21, 46.481,
325.455

■ 53, 33.480,
140.297

■ 20, 50.132,
325.573

■ 56, 39.081,
139.961

■ 19, 52.927,

325.610

■ 59, 44.519,
139.649

■ 18, 54.199,
325.634

Harmonies

Complementary

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



34, 10.376, 323.218



37, 10.344, 141.724

Rectangle

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



34, 10.376, 323.218



34, 10.376, 13.218



34, 10.376, 143.218



34, 10.376, 193.218

Sweetspot

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



34, 10.375, 323.218



48, 4.124, 322.709



33, 8.094, 288.238



24, 2.786, 322.732



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 10.375, 323.218



43, 15.793, 323.408



34, 7.925, 340.520



17, 3.784, 322.896



23, 62.307, 325.570



53, 109.862, 325.400

Inverse Universe

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



34, 6.254, 14.628



43, 9.626, 15.010



37, 7.829, 158.296



17, 2.241, 14.034



21, 52.095, 33.985



50, 96.103, 37.776

Previews

White Background



This preview shows how the CIE LCh color 34, 10.376, 323.218 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, 10.376, 323.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

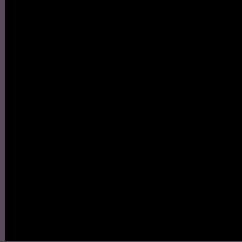
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 10.376, 323.218

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.376, 323.218.



This preview shows how white text looks on a background with the CIELCh color 34, 10.376, 323.218.

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, 10.376, 323.218

Protanopia

34, 8.164, 288.738

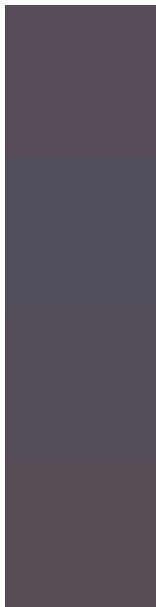
Deuteranopia

34, 7.245, 307.997



Tritanopia
34, 6.075, 342.173

Trichromacy



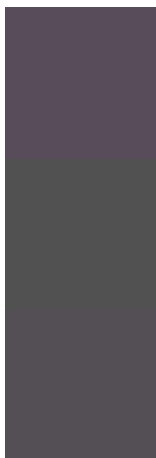
Original Color
34, 10.376, 323.218

Protanomaly
34, 8.359, 302.880

Deuteranomaly
34, 8.286, 315.177

Tritanomaly
34, 7.364, 330.584

Monochromacy



Original Color
34, 10.376, 323.218

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 3.813, 324.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.376, 323.218 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(89, 76, 90)` looks like.

```
.text, #text, p{  
    color:rgb(89, 76, 90)  
}
```

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(89, 76, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 76, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.376, 323.218 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(89, 76, 90) }
```

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

```
.border{ border-color:rgb(89, 76, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 76, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 76, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 76, 90);  
box-shadow:4px 4px 4px 4px rgb(89, 76, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.376, 323.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 76, 90) }
```

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

```
.background{ background-color: rgb(89, 76,  
90) }
```

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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