

Converting Colors

CIELCh(39, 3.241, 150.273)

Have a look what the booklet for
CIELCh(39, 3.241, 150.273) contains.

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Color

CIELCh(39, 3.247, 150.269)

Conversions

Conversions Part 1

Format	Color
Hex	585D59
RGB	88, 93, 89
RGB Percent	35%, 36%, 35%
CMY	0.6543, 0.6347, 0.6504
CMYK	0.05, 0.00, 0.04, 0.63
HSL	132°, 3%, 36%
HSV	132°, 5%, 37%
XYZ	9.7738, 10.6589, 11.0245
YIQ	91.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

Format	Color
R_{YB}	88, 92, 93
Decimal	5791065
CIE Lab	39.00, -2.82, 1.61
CIE LCh	39, 3.247, 150.269
Yxy	10.6589, 0.3107, 0.3388
Android (android.graphics.Color)	4283981145 (0xFF585D59)
YUV	91.0490, -1.0102, -2.6740
Hunter-Lab	32.6480, -3.6967, 2.8327

Details

The CIELCh color $39, 3.247, 150.269$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 3.260, 330.778$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 3.002, 150.397$, and $19, 2.808, 151.918$ is the 20% darker color. If you saturate the color by 10%, you get $38, 9.352, 149.584$, and if you desaturate by 10%, it is $40, 2.786, 330.714$.

Distribution



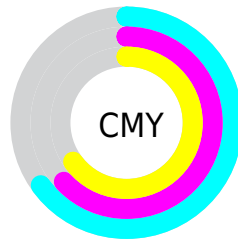
- Red (35%)
- Green (36%)
- Blue (35%)



- Red (35%)
- Yellow (36%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 3.247, 150.269 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 39, 3.247, 150.269 by changing the saturation by 10% instead.

■ 39, 3.247, 150.269

■ 39, 3.247, 150.269

■ 100, 3.247,
150.269

■ 29, 3.247, 150.269

■ 59, 3.247, 150.269

■ 19, 3.247, 150.269

■ 69, 3.247, 150.269

■ 9, 3.247, 150.269

■ 79, 3.247, 150.269

■ 0, 3.247, 150.269

■ 89, 3.247, 150.269

■ 99, 3.247, 150.269

■ 39, 3.247, 150.269

■ 39, 3.247, 150.269

■ 38, 9.352, 149.584

■ 40, 2.786, 330.714

37, 15.469,
148.834

41, 8.709, 331.253

36, 21.525,
147.977

42, 14.492,
331.699

36, 27.430,
146.997

44, 20.116,
332.090

35, 33.081,
145.881

45, 25.572,
332.437

35, 38.362,
144.625

46, 30.856,
332.748

34, 43.155,
143.237

48, 35.969,
333.028

34, 47.346,
141.747

49, 40.914,
333.281

34, 50.910,
140.304

51, 45.698,
333.512

Harmonies

Complementary

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



39, 3.247, 150.269



38, 3.260, 330.778

Rectangle

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



39, 3.247, 150.269



39, 3.247, 200.269



39, 3.247, 330.269



39, 3.247, 20.269

Sweetspot

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



39, 3.248, 150.267



50, 1.482, 150.551



39, 3.074, 117.008



26, 0.849, 150.577



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 3.248, 150.267



50, 4.469, 150.211



39, 2.314, 174.481



18, 2.345, 150.211



40, 59.304, 139.406



82, 107.300, 138.301

Inverse Universe

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



38, 3.260, 330.778



48, 4.484, 330.832



38, 2.349, 355.159



18, 2.353, 330.831



24, 53.514, 337.596



54, 93.459, 338.345

Previews

White Background



This preview shows how the CIELCh color 39, 3.247, 150.269 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 3.247, 150.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

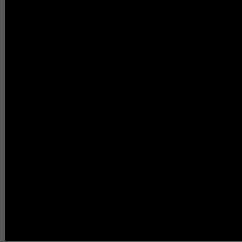
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

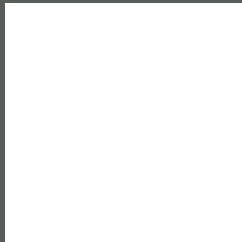
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 3.247, 150.269

Background



This preview shows how black text looks on a background with the CIELCh color 39, 3.247, 150.269.

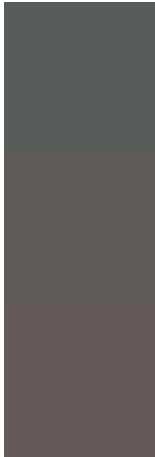


This preview shows how white text looks on a background with the CIELCh color 39, 3.247, 150.269.

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


39, 3.247, 150.269

Protanopia

39, 2.228, 74.608

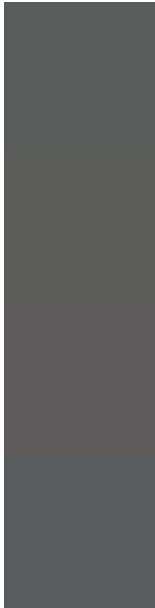
Deuteranopia

39, 5.203, 13.362



Tritanopia
39, 4.348, 280.082

Trichromacy



Original Color

39, 3.247, 150.269

Protanomaly

39, 2.438, 109.779

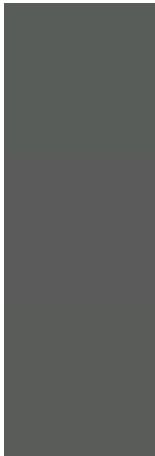
Deuteranomaly

39, 2.215, 35.513

Tritanomaly

39, 2.199, 256.255

Monochromacy



Original Color

39, 3.247, 150.269

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 1.491, 144.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 3.247, 150.269 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(88, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(88, 93, 89)  
}
```

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(88, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 93, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 3.247, 150.269 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(88, 93, 89) }
```

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

```
.border{ border-color:rgb(88, 93, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 93, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(88, 93, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 3.247, 150.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 93, 89) }
```

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

```
.background{ background-color: rgb(88, 93,  
89) }
```

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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