

Converting Colors

CIELCh(40, 10.167, 267.174)

Have a look what the booklet for
CIELCh(40, 10.167, 267.174)
contains.

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Color

CIELCh(40, 10.489, 268.196)

Conversions

Conversions Part 1

Format	Color
Hex	545F6F
RGB	84, 95, 111
RGB Percent	33%, 37%, 44%
CMY	0.6700, 0.6269, 0.5642
CMYK	0.24, 0.14, 0.00, 0.56
HSL	216°, 14%, 38%
HSV	216°, 24%, 44%
XYZ	10.6499, 11.2510, 16.6899
YIQ	93.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

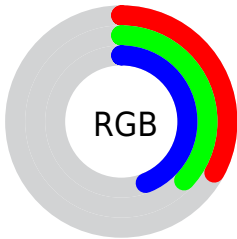
Format	Color
R_{YB}	84, 92, 111
Decimal	5529455
CIE Lab	40.00, -0.33, -10.48
CIE LCh	40, 10.489, 268.196
Yxy	11.2510, 0.2760, 0.2915
Android (android.graphics.Color)	4283719535 (0xFF545F6F)
YUV	93.5350, 8.6102, -8.3622
Hunter-Lab	33.5425, -2.0248, -6.0215

Details

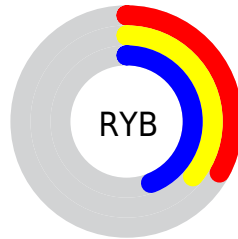
The CIELCh color **40, 10.489, 268.196** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 10.784, 81.751**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 10.821, 269.768**, and **20, 10.317, 267.375** is the 20% darker color. If you saturate the color by 10%, you get **37, 14.836, 270.013**, and if you desaturate by 10%, it is **43, 6.158, 266.638**.

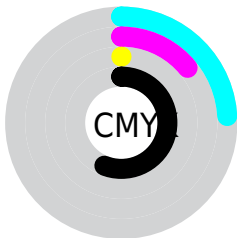
Distribution



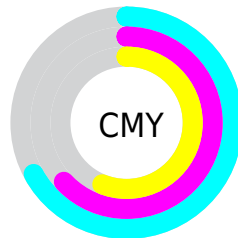
- Red (33%)
- Green (37%)
- Blue (44%)



- Red (33%)
- Yellow (36%)
- Blue (44%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)





- Cyan (67%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.489, 268.196 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 40, 10.489, 268.196 by changing the saturation by 10% instead.


 40, 10.489,
268.196


 40, 10.489,
268.196


 100, 10.489,
268.196


 30, 10.489,
268.196

 60, 10.489,
268.196


 20, 10.489,
268.196


 70, 10.489,
268.196


 10, 10.489,
268.196

 80, 10.489,
268.196

 0, 10.489, 268.196

 90, 10.489,
268.196

 40, 10.489,

 40, 10.489,

268.196

■ 37, 14.836,
270.013

■ 34, 19.200,
272.139

■ 32, 23.587,
274.610

■ 29, 28.012,
277.454

■ 26, 32.498,
280.674

■ 24, 37.077,
284.229

■ 22, 41.775,
287.966

■ 20, 44.532,
289.900

268.196

■ 43, 6.158, 266.638

■ 46, 1.849, 265.362

■ 49, 2.433, 84.012

■ 51, 6.682, 83.048

■ 54, 10.893, 82.172

■ 57, 15.062, 81.396

■ 60, 19.183, 80.706

■ 63, 23.255, 80.090

■ 65, 27.276, 79.537

Harmonies

Complementary

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



40, 10.489, 268.196



43, 10.784, 81.751

Rectangle

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



40, 10.489, 268.196



40, 10.489, 318.196



40, 10.489, 88.196



40, 10.489, 138.196

Sweetspot

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



40, 10.488, 268.192



58, 3.752, 265.690



45, 12.812, 166.257



30, 2.457, 265.737



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



40, 10.488, 268.192



50, 15.618, 269.157



37, 16.768, 295.733



22, 2.439, 265.918



22, 47.404, 290.263



47, 85.912, 292.652

Inverse Universe

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



39, 13.294, 351.201



48, 19.873, 351.816



46, 15.898, 111.524



22, 3.041, 349.670



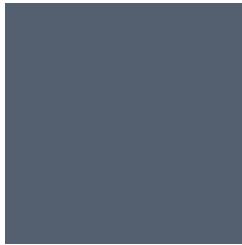
24, 48.346, 8.830



53, 82.925, 11.997

Previews

White Background



This preview shows how the CIE LCh color 40, 10.489, 268.196 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 40, 10.489, 268.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

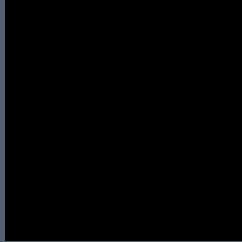
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

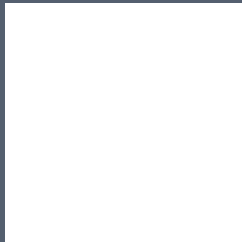
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 10.489, 268.196

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.489, 268.196.



This preview shows how white text looks on a background with the CIELCh color 40, 10.489, 268.196.

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

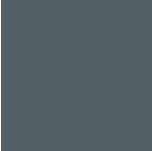
40, 10.489, 268.196

Protanopia

40, 10.390, 287.474

Deuteranopia

40, 12.294, 297.462



Tritanopia
40, 6.938, 243.831

Trichromacy



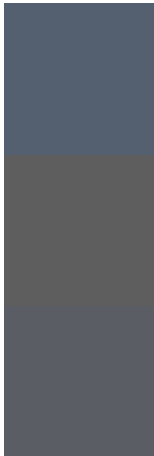
Original Color
40, 10.489, 268.196

Protanomaly
40, 9.899, 280.405

Deuteranomaly
40, 11.605, 288.137

Tritanomaly
40, 8.245, 253.734

Monochromacy



Original Color
40, 10.489, 268.196

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.975, 266.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.489, 268.196 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(84, 95, 111)` looks like.

```
.text, #text, p{  
    color:rgb(84, 95, 111)  
}
```

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(84, 95, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 95, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.489, 268.196 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(84, 95, 111) }
```

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

```
.border{ border-color:rgb(84, 95, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 95, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 95, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 95, 111);  
box-shadow:4px 4px 4px 4px rgb(84, 95,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.489, 268.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 95, 111) }
```

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

```
.background{ background-color: rgb(84, 95,  
111) }
```

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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