

Converting Colors

CIELCh(40, 11.383, 274.426)

Have a look what the booklet for
CIELCh(40, 11.383, 274.426)
contains.

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Color

CIELCh(40, 11.383, 274.426)

Conversions

Conversions Part 1

Format	Color
Hex	565F71
RGB	86, 95, 113
RGB Percent	34%, 37%, 44%
CMY	0.6644, 0.6291, 0.5585
CMYK	0.24, 0.16, 0.00, 0.56
HSL	220°, 14%, 39%
HSV	220°, 24%, 44%
XYZ	10.8109, 11.2510, 17.0979
YIQ	94.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

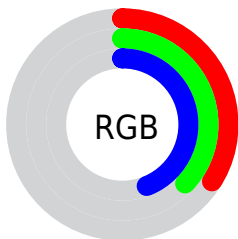
Format	Color
R_{YB}	86, 93, 113
Decimal	5660529
CIE _{Lab}	40.00, 0.88, -11.35
CIE _{LCh}	40, 11.383, 274.426
Yxy	11.2510, 0.2761, 0.2873
Android (android.graphics.Color)	4283850609 (0xFF565F71)
YUV	94.3610, 9.1890, -7.3326
Hunter-Lab	33.5425, -1.1680, -6.7428

Details

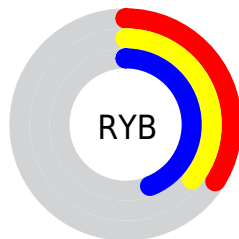
The CIELCh color $40, 11.383, 274.426$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 11.440, 88.214$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 11.671, 275.304$, and $20, 11.309, 274.383$ is the 20% darker color. If you saturate the color by 10%, you get $37, 16.252, 276.181$, and if you desaturate by 10%, it is $43, 6.586, 272.915$.

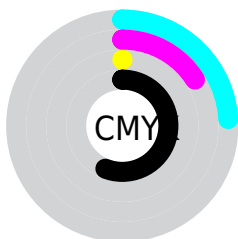
Distribution



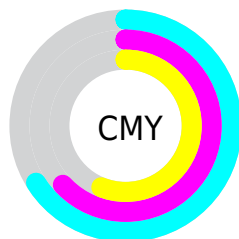
- Red (34%)
- Green (37%)
- Blue (44%)



- Red (34%)
- Yellow (36%)
- Blue (44%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)





- Cyan (66%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.383, 274.426 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, 11.383, 274.426 by changing the saturation by 10% instead.


 40, 11.383,
274.426


 40, 11.383,
274.426


 100, 11.383,
274.426


 30, 11.383,
274.426

 60, 11.383,
274.426


 20, 11.383,
274.426


 70, 11.383,
274.426


 10, 11.383,
274.426

 80, 11.383,
274.426

 0, 11.383, 274.426

 90, 11.383,
274.426

 40, 11.383,

 40, 11.383,

274.426

274.426

■ 37, 16.252,
276.181

■ 43, 6.586, 272.915

■ 34, 21.203,
278.222

■ 46, 1.862, 271.665

■ 49, 2.791, 90.385

■ 31, 26.247,
280.582

■ 52, 7.373, 89.427

■ 28, 31.401,
283.281

■ 56, 11.882, 88.565

■ 59, 16.318, 87.800

■ 25, 36.687,
286.311

■ 62, 20.680, 87.119

■ 22, 42.114,
289.615

■ 65, 24.969, 86.510

■ 68, 29.184, 85.962

■ 20, 47.654,
293.041

■ 18, 51.041,
294.896

Harmonies

Complementary

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



40, 11.383, 274.426



44, 11.440, 88.214

Rectangle

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



40, 11.383, 274.426



40, 11.383, 324.426



40, 11.383, 94.426



40, 11.383, 144.426

Sweetspot

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



40, 11.382, 274.423



58, 4.052, 272.027



45, 12.175, 170.429



30, 2.654, 272.073



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, 11.382, 274.423



49, 17.053, 275.405



38, 16.763, 298.031



22, 2.635, 272.252



20, 53.762, 295.160



43, 97.390, 297.252

Inverse Universe

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



39, 12.760, 356.002



48, 19.178, 356.697



46, 15.929, 114.362



22, 2.913, 354.413



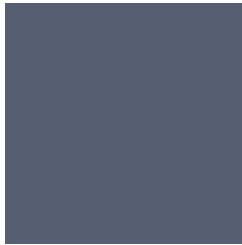
24, 49.026, 15.709



52, 84.864, 19.154

Previews

White Background



This preview shows how the CIE LCh color 40, 11.383, 274.426 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 CIE LCh color 40, 11.383, 274.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

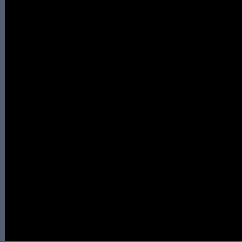
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

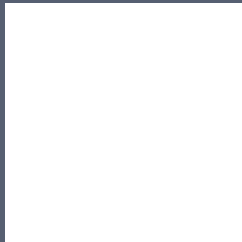
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 11.383, 274.426

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.383, 274.426.

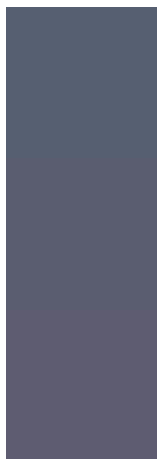


This preview shows how white text looks on a background with the CIELCh color 40, 11.383, 274.426.

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

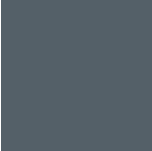
40, 11.383, 274.426

Protanopia

40, 11.628, 286.261

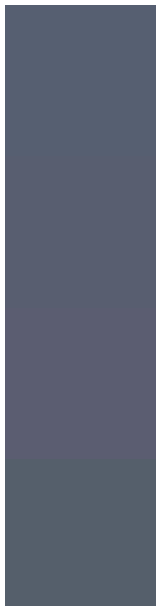
Deuteranopia

40, 12.867, 295.555



Tritanopia
40, 6.677, 246.128

Trichromacy



Original Color
40, 11.383, 274.426

Protanomaly
40, 11.153, 279.986

Deuteranomaly
40, 12.212, 288.432

Tritanomaly
40, 8.182, 263.006

Monochromacy



Original Color
40, 11.383, 274.426

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.417, 274.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.383, 274.426 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(86, 95, 113)` looks like.

```
.text, #text, p{  
    color:rgb(86, 95, 113)  
}
```

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(86, 95, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 95, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.383, 274.426 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(86, 95, 113) }
```

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

```
.border{ border-color:rgb(86, 95, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 95, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(86, 95,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.383, 274.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 95, 113) }
```

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

```
.background{ background-color: rgb(86, 95,  
113) }
```

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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