

Converting Colors

CIELCh(40, 14.690, 272.918)

Have a look what the booklet for
CIELCh(40, 14.690, 272.918)
contains.

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Color

CIELCh(40, 14.636, 273.360)

Conversions

Conversions Part 1

Format	Color
Hex	525F76
RGB	82, 95, 118
RGB Percent	32%, 37%, 46%
CMY	0.6790, 0.6280, 0.5378
CMYK	0.31, 0.20, 0.00, 0.54
HSL	218°, 18%, 39%
HSV	218°, 31%, 46%
XYZ	10.8081, 11.2510, 18.6959
YIQ	93.7350, -15.1310, 4.3970

Conversions

Conversions Part 2

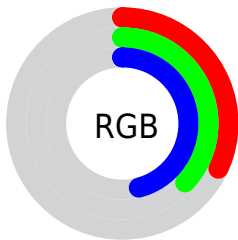
Format	Color
R_{YB}	82, 92, 118
Decimal	5398390
CIE _{Lab}	40.00, 0.86, -14.61
CIE _{LCh}	40, 14.636, 273.360
Yxy	11.2510, 0.2652, 0.2761
Android (android.graphics.Color)	4283588470 (0xFF525F76)
YUV	93.7350, 11.9626, -10.2916
Hunter-Lab	33.5425, -1.1827, -9.5673

Details

The CIELCh color $40, 14.636, 273.360$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 14.886, 85.052$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 14.717, 273.623$, and $20, 14.935, 273.413$ is the 20% darker color. If you saturate the color by 10%, you get $37, 19.540, 275.344$, and if you desaturate by 10%, it is $43, 9.788, 271.655$.

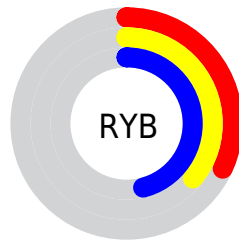
Distribution



Red (32%)

Green (37%)

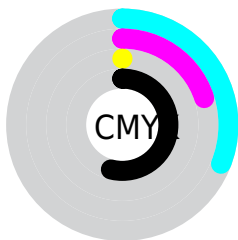
Blue (46%)



Red (32%)

Yellow (36%)

Blue (46%)

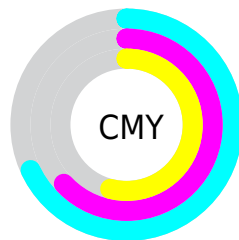


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (54%)



Cyan (68%)


Magenta (63%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 14.636, 273.360 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, 14.636, 273.360 by changing the saturation by 10% instead.


 40, 14.636,
273.360


 40, 14.636,
273.360


 100, 14.636,
273.360


 30, 14.636,
273.360

 60, 14.636,
273.360


 20, 14.636,
273.360


 70, 14.636,
273.360


 10, 14.636,
273.360

 80, 14.636,
273.360

 0, 14.636, 273.360

 90, 14.636,
273.360

 40, 14.636,

 40, 14.636,

273.360

273.360

■ 37, 19.540,
275.344

■ 43, 9.788, 271.655

■ 34, 24.511,
277.649

■ 46, 4.996, 270.201

■ 49, 0.261, 269.575

■ 31, 29.563,
280.303

■ 53, 4.417, 87.752

■ 28, 34.720,
283.315

■ 56, 9.034, 86.810

■ 59, 13.588, 85.971

■ 25, 40.005,
286.648

■ 62, 18.076, 85.228

■ 22, 45.422,
290.208

■ 65, 22.498, 84.565

■ 68, 26.851, 83.972

■ 20, 50.661,
293.390

Harmonies

Complementary

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



40, 14.636, 273.360



45, 14.886, 85.052

Rectangle

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



40, 14.636, 273.360



40, 14.636, 323.360



40, 14.636, 93.360



40, 14.636, 143.360

Sweetspot

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



40, 14.635, 273.358



60, 5.279, 270.028



47, 16.178, 168.659



30, 3.649, 270.182



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 14.635, 273.358



49, 22.049, 274.795



37, 22.442, 298.154



23, 2.655, 270.003



21, 52.276, 293.552



45, 93.893, 295.689

Inverse Universe

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



39, 17.240, 354.943



48, 26.011, 355.921



48, 20.968, 113.171



23, 3.071, 352.596



25, 49.430, 13.280



53, 84.624, 16.547

Previews

White Background



This preview shows how the CIELCh color 40, 14.636, 273.360 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, 14.636, 273.360 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

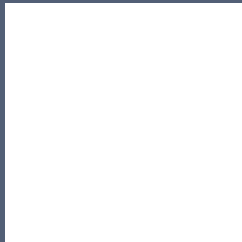
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 14.636, 273.360

Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.636, 273.360.

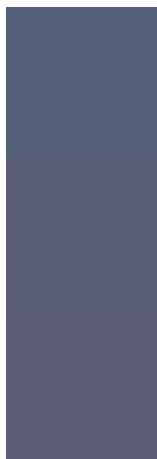


This preview shows how white text looks on a background with the CIELCh color 40, 14.636, 273.360.

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

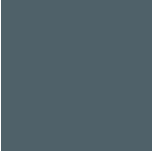
40, 14.636, 273.360

Protanopia

40, 14.681, 286.541

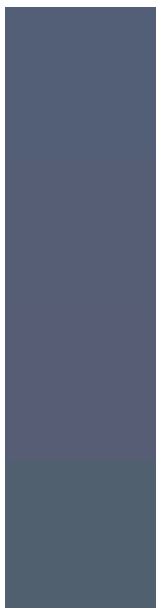
Deuteranopia

40, 15.875, 291.223



Tritanopia
40, 8.334, 234.724

Trichromacy



Original Color
40, 14.636, 273.360

Protanomaly
40, 14.244, 280.265

Deuteranomaly
40, 15.316, 285.522

Tritanomaly
40, 10.276, 255.520

Monochromacy



Original Color
40, 14.636, 273.360

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.686, 274.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 14.636, 273.360 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(82, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(82, 95, 118)  
}
```

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(82, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 95, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.636, 273.360 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(82, 95, 118) }
```

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

```
.border{ border-color:rgb(82, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(82, 95,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.636, 273.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 95, 118) }
```

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

```
.background{ background-color: rgb(82, 95,  
118) }
```

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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