

Converting Colors

CIELCh(40, 8.925, 231.962)

Have a look what the booklet for
CIELCh(40, 8.925, 231.962) contains.

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Color

CIELCh(40, 8.925, 231.962)

Conversions

Conversions Part 1	
Format	Color
Hex	4D6169
RGB	77, 97, 105
RGB Percent	30%, 38%, 41%
CMY	0.6964, 0.6180, 0.5866
CMYK	0.27, 0.08, 0.00, 0.59
HSL	197°, 15%, 36%
HSV	197°, 27%, 41%
XYZ	9.9793, 11.2510, 15.1256
YIQ	91.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

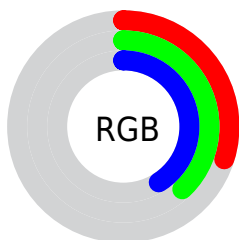
Format	Color
RYB	77, 89, 105
Decimal	5071209
CIELab	40.00, -5.50, -7.03
CIELCh	40, 8.925, 231.962
Yxy	11.2510, 0.2745, 0.3095
Android (android.graphics.Color)	4283261289 (0xFF4D6169)
YUV	91.9320, 6.4425, -13.0954
Hunter-Lab	33.5425, -5.5933, -3.2563

Details

The CIELCh color $40, 8.925, 231.962$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 10.384, 48.419$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 8.776, 229.948$, and $20, 9.055, 230.186$ is the 20% darker color. If you saturate the color by 10%, you get $38, 11.931, 233.162$, and if you desaturate by 10%, it is $42, 5.705, 231.014$.

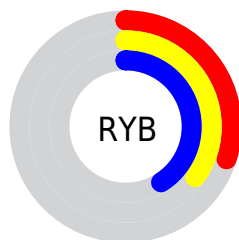
Distribution



Red (30%)

Green (38%)

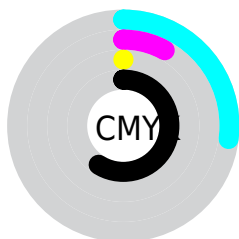
Blue (41%)



Red (30%)

Yellow (35%)

Blue (41%)

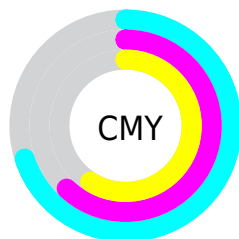


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (59%)



Cyan (70%)












Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 8.925, 231.962 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, 8.925, 231.962 by changing the saturation by 10% instead.

 40, 8.925, 231.962	 40, 8.925, 231.962
 100, 8.925, 231.962	 30, 8.925, 231.962
 60, 8.925, 231.962	 20, 8.925, 231.962
 70, 8.925, 231.962	 10, 8.925, 231.962
 80, 8.925, 231.962	 0, 8.925, 231.962
 90, 8.925, 231.962	

 40, 8.925, 231.962	 40, 8.925, 231.962
 38, 11.931, 233.162	 42, 5.705, 231.014
 37, 14.686,	 43, 2.311, 230.338

234.685	45, 1.222, 49.338
35, 17.153, 236.593	47, 4.864, 49.065
34, 19.308, 238.963	49, 8.587, 48.725
33, 21.144, 241.870	51, 12.370, 48.450
31, 22.682, 245.375	53, 16.193, 48.233
30, 24.040, 249.305	55, 20.041, 48.065
30, 24.527, 250.581	56, 23.903, 47.937

Harmonies

Complementary

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



40, 8.925, 231.962



38, 10.384, 48.419

Rectangle

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



40, 8.925, 231.962



40, 8.925, 281.962



40, 8.925, 51.962



40, 8.925, 101.962

Sweetspot

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



40, 8.925, 231.956



56, 3.491, 230.423



42, 16.862, 151.697



28, 2.456, 230.494



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 8.925, 231.956



51, 13.145, 232.686



36, 13.774, 282.820



21, 1.992, 230.467



33, 26.575, 251.229



67, 46.805, 254.374

Inverse Universe

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



36, 16.977, 335.461



45, 25.442, 335.923



42, 13.439, 96.438



21, 3.608, 334.246



25, 52.882, 343.052



55, 90.032, 344.209

Previews

White Background



This preview shows how the CIELCh color 40, 8.925, 231.962 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, 8.925, 231.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

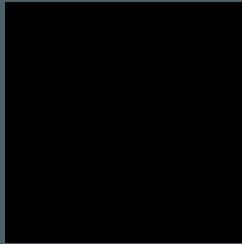
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 8.925, 231.962

Background



This preview shows how black text looks on a background with the CIELCh color 40, 8.925, 231.962.



This preview shows how white text looks on a background with the CIELCh color 40, 8.925, 231.962.

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, 8.925, 231.962

Protanopia

40, 6.108, 291.119

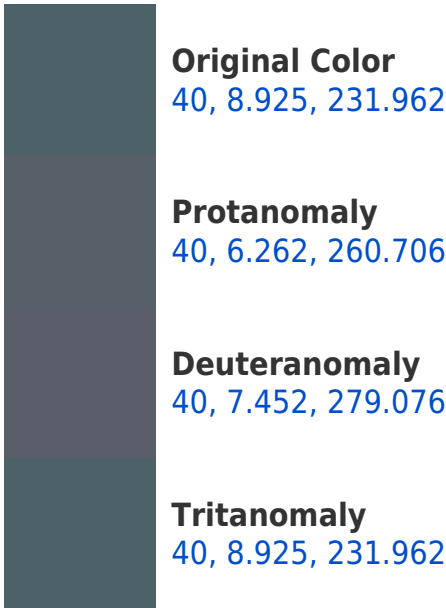
Deuteranopia

40, 9.408, 303.804

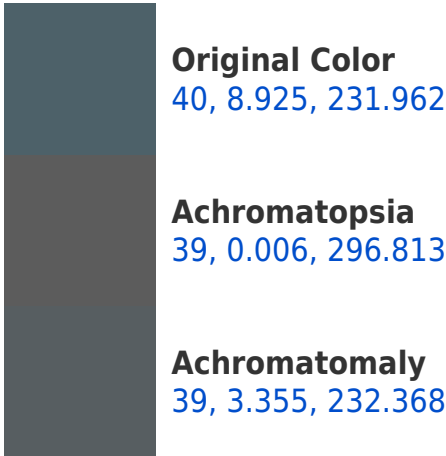


Tritanopia
40, 8.925, 231.962

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 8.925, 231.962 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(77, 97, 105)` looks like.

```
.text, #text, p{  
    color:rgb(77, 97, 105)  
}
```

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(77, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 97, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 8.925, 231.962 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(77, 97, 105) }
```

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

```
.border{ border-color:rgb(77, 97, 105) }
```

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

Here you see how a box with a 4 pixel rgb(77, 97, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(77, 97,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 8.925, 231.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 97, 105) }
```

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

```
.background{ background-color: rgb(77, 97,  
105) }
```

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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