

Converting Colors

CIELCh(40, 26.374, 295.237)

Have a look what the booklet for
CIELCh(40, 26.374, 295.237)
contains.

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Color

CIELCh(40, 26.273, 295.558)

Conversions

Conversions Part 1

Format	Color
Hex	5C5A85
RGB	92, 90, 133
RGB Percent	36%, 35%, 52%
CMY	0.6397, 0.6475, 0.4789
CMYK	0.31, 0.32, 0.00, 0.48
HSL	243°, 19%, 44%
HSV	243°, 32%, 52%
XYZ	12.2720, 11.2510, 23.6683
YIQ	95.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

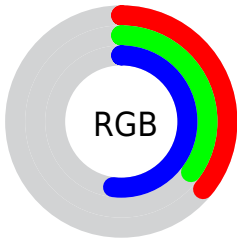
Format	Color
R_{YB}	92, 90, 133
Decimal	6052485
CIE _{Lab}	40.00, 11.33, -23.70
CIE _{LCh}	40, 26.273, 295.558
Yxy	11.2510, 0.2600, 0.2384
Android (android.graphics.Color)	4284242565 (0xFF5C5A85)
YUV	95.5000, 18.4875, -3.0695
Hunter-Lab	33.5425, 6.6077, -18.3566

Details

The CIELCh color $40, 26.273, 295.558$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 24.347, 109.217$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 26.074, 295.290$, and $20, 25.801, 295.135$ is the 20% darker color. If you saturate the color by 10%, you get $35, 35.098, 297.046$, and if you desaturate by 10%, it is $45, 17.789, 294.268$.

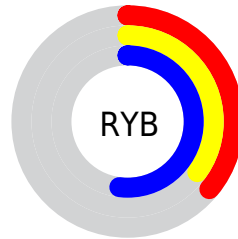
Distribution



Red (36%)

Green (35%)

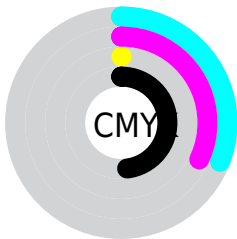
Blue (52%)



Red (36%)

Yellow (35%)

Blue (52%)

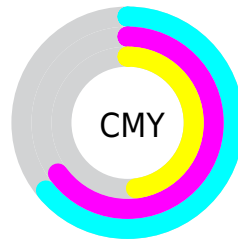


Cyan (31%)

Magenta (32%)

Yellow (0%)

Black (48%)



Cyan (64%)


Magenta (65%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 26.273, 295.558 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, 26.273, 295.558 by changing the saturation by 10% instead.

 40, 26.273,
295.558


 40, 26.273,
295.558


 100, 26.273,
295.558


 30, 26.273,
295.558

 60, 26.273,
295.558


 20, 26.273,
295.558

 70, 26.273,
295.558

 10, 26.273,
295.558

 80, 26.273,
295.558

 0, 26.273, 295.558

 90, 26.273,
295.558

 40, 26.273,

 40, 26.273,

295.558

■ 35, 35.098,
297.046

■ 31, 44.242,
298.731

■ 26, 53.590,
300.575

■ 22, 62.835,
302.474

■ 18, 71.317,
304.230

■ 16, 77.959,
305.564

■ 14, 82.194,
306.490

295.558

■ 45, 17.789,
294.268

■ 50, 9.641, 293.161

■ 54, 1.808, 292.227

■ 59, 5.733, 111.389

■ 64, 13.000,
110.696

■ 68, 20.015,
110.099

■ 73, 26.793,
109.583

■ 78, 33.351,
109.137

■ 82, 39.702,

Harmonies

Complementary

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



40, 26.273, 295.558



54, 24.347, 109.217

Rectangle

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



40, 26.273, 295.558



40, 26.273, 345.558



40, 26.273, 115.558



40, 26.273, 165.558

Sweetspot

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



40, 26.272, 295.558



65, 9.661, 292.947



52, 14.903, 201.155



33, 6.578, 293.066



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



40, 26.272, 295.558



48, 39.972, 296.661



42, 27.445, 311.689



25, 4.367, 292.839



14, 80.922, 306.496



0, 1.029, 292.005

Inverse Universe

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



44, 29.430, 327.445



54, 43.833, 327.839



53, 26.361, 128.791



26, 5.108, 326.175



30, 67.690, 330.109



0, 1.217, 325.704

Previews

White Background



This preview shows how the CIELCh color 40, 26.273, 295.558 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, 26.273, 295.558 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, 26.273, 295.558

Background



This preview shows how black text looks on a background with the CIELCh color 40, 26.273, 295.558.

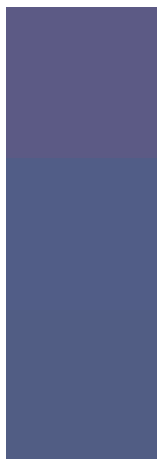


This preview shows how white text looks on a background with the CIELCh color 40, 26.273, 295.558.

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, 26.273, 295.558

Protanopia

40, 25.742, 285.006

Deuteranopia

40, 23.964, 283.940



Tritanopia
40, 5.741, 247.237

Trichromacy



Original Color
40, 26.273, 295.558

Protanomaly
40, 25.632, 288.638

Deuteranomaly
40, 24.432, 288.155

Tritanomaly
40, 12.341, 281.419

Monochromacy



Original Color
40, 26.273, 295.558

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 9.779, 293.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 26.273, 295.558 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(92, 90, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 90, 133)  
}
```

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(92, 90, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 90, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 26.273, 295.558 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(92, 90, 133) }
```

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

```
.border{ border-color:rgb(92, 90, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 90, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 90, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 90, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 90,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 26.273, 295.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 90, 133) }
```

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

```
.background{ background-color: rgb(92, 90,  
133) }
```

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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