

Converting Colors

CIELCh(40, 7.337, 267.666)

Have a look what the booklet for
CIELCh(40, 7.337, 267.666) contains.

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Color

CIELCh(40, 7.325, 265.881)

Conversions

Conversions Part 1

Format	Color
Hex	575F6A
RGB	87, 95, 106
RGB Percent	34%, 37%, 42%
CMY	0.6588, 0.6274, 0.5843
CMYK	0.18, 0.10, 0.00, 0.58
HSL	215°, 10%, 38%
HSV	215°, 18%, 42%
XYZ	10.6239, 11.2510, 15.2471
YIQ	93.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

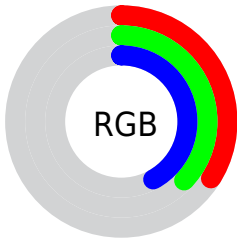
Format	Color
R_{YB}	87, 93, 106
Decimal	5726058
CIE Lab	40.00, -0.53, -7.31
CIE LCh	40, 7.325, 265.881
Yxy	11.2510, 0.2862, 0.3031
Android (android.graphics.Color)	4283916138 (0xFF575F6A)
YUV	93.8620, 5.9840, -6.0180
Hunter-Lab	33.5425, -2.1629, -3.4712

Details

The CIELCh color **40, 7.325, 265.881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 7.493, 81.269**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 7.336, 267.156**, and **20, 7.477, 265.249** is the 20% darker color. If you saturate the color by 10%, you get **37, 11.423, 267.514**, and if you desaturate by 10%, it is **43, 3.235, 264.491**.

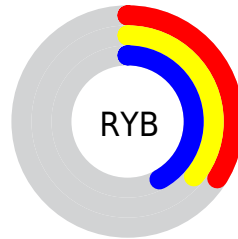
Distribution



Red (34%)

Green (37%)

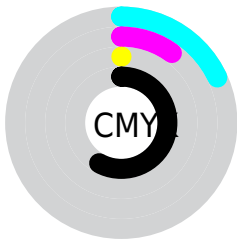
Blue (42%)



Red (34%)

Yellow (36%)

Blue (42%)

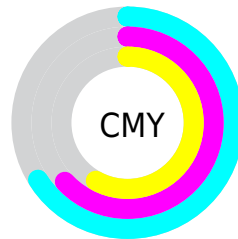


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 7.325, 265.881 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, 7.325, 265.881 by changing the saturation by 10% instead.

■ 40, 7.325, 265.881

■ 40, 7.325, 265.881

■ 100, 7.325,
265.881

■ 30, 7.325, 265.881

■ 60, 7.325, 265.881

■ 20, 7.325, 265.881

■ 70, 7.325, 265.881

■ 10, 7.325, 265.881

■ 80, 7.325, 265.881

■ 0, 7.325, 265.881

■ 90, 7.325, 265.881

■ 40, 7.325, 265.881

■ 40, 7.325, 265.881

■ 37, 11.423,
267.514

■ 43, 3.235, 264.491

■ 35, 15.527,

■ 45, 0.839, 82.979

269.433

48, 4.890, 82.109

32, 19.636,
271.671

51, 8.913, 81.201

29, 23.757,
274.268

53, 12.903, 80.396

56, 16.853, 79.681

27, 27.907,
277.247

59, 20.762, 79.044

25, 32.111,
280.602

61, 24.625, 78.473

64, 28.442, 77.959

22, 36.403,
284.273

20, 40.828,
287.919

20, 41.770,
288.599

Harmonies

Complementary

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



40, 7.325, 265.881



42, 7.493, 81.269

Rectangle

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



40, 7.325, 265.881



40, 7.325, 315.881



40, 7.325, 85.881



40, 7.325, 135.881

Sweetspot

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



40, 7.324, 265.875



56, 2.531, 264.165



43, 9.237, 165.907



28, 1.713, 264.220



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, 7.324, 265.875



50, 11.150, 266.610



38, 11.743, 294.441



21, 2.313, 264.623



22, 45.426, 289.114



47, 83.077, 291.636

Inverse Universe

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



39, 9.437, 349.680



49, 14.434, 350.154



44, 11.300, 111.346



21, 2.949, 348.826



24, 47.572, 7.422



52, 82.085, 10.609

Previews

White Background



This preview shows how the CIELCh color 40, 7.325, 265.881 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, 7.325, 265.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

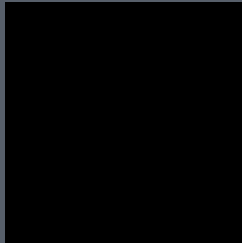
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

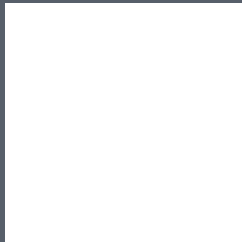
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 7.325, 265.881

Background



This preview shows how black text looks on a background with the CIELCh color 40, 7.325, 265.881.

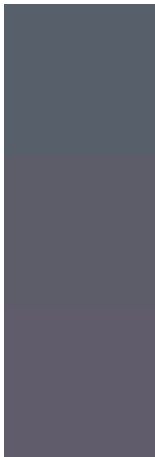


This preview shows how white text looks on a background with the CIELCh color 40, 7.325, 265.881.

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, 7.325, 265.881

Protanopia

40, 7.327, 291.302

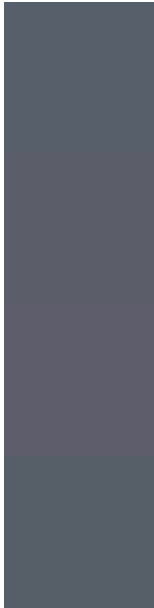
Deuteranopia

40, 9.408, 303.804



Tritanopia
40, 5.966, 254.271

Trichromacy



Original Color
40, 7.325, 265.881

Protanomaly
40, 6.789, 281.098

Deuteranomaly
40, 8.547, 291.483

Tritanomaly
40, 6.455, 257.697

Monochromacy



Original Color
40, 7.325, 265.881

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.714, 263.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 7.325, 265.881 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(87, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(87, 95, 106)  
}
```

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(87, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 95, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 7.325, 265.881 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(87, 95, 106) }
```

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

```
.border{ border-color:rgb(87, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 95,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 7.325, 265.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 95, 106) }
```

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

```
.background{ background-color: rgb(87, 95,  
106) }
```

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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