

Converting Colors

CIELCh(40, 17.670, 322.154)

Have a look what the booklet for
CIELCh(40, 17.670, 322.154)
contains.

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Color

CIELCh(40, 17.641, 322.146)

Conversions

Conversions Part 1

Format	Color
Hex	6D5770
RGB	109, 87, 112
RGB Percent	43%, 34%, 44%
CMY	0.5723, 0.6586, 0.5606
CMYK	0.03, 0.22, 0.00, 0.56
HSL	293°, 13%, 39%
HSV	293°, 22%, 44%
XYZ	12.6539, 11.2510, 16.8502
YIQ	96.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

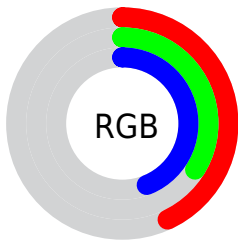
Format	Color
R_{YB}	109, 87, 112
Decimal	7165808
CIE _{Lab}	40.00, 13.93, -10.83
CIE _{LCh}	40, 17.641, 322.146
Yxy	11.2510, 0.3105, 0.2761
Android (android.graphics.Color)	4285355888 (0xFF6D5770)
YUV	96.4280, 7.6770, 11.0256
Hunter-Lab	33.5425, 8.6396, -6.3049

Details

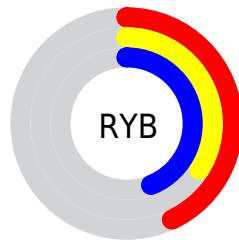
The CIELCh color $40, 17.641, 322.146$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $45, 17.538, 139.992$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 17.784, 322.166$, and $20, 17.839, 322.314$ is the 20% darker color. If you saturate the color by 10%, you get $37, 25.579, 322.591$, and if you desaturate by 10%, it is $43, 9.683, 321.687$.

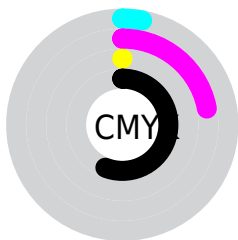
Distribution



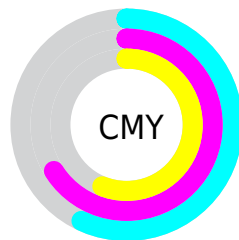
- Red (43%)
- Green (34%)
- Blue (44%)



- Red (43%)
- Yellow (34%)
- Blue (44%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (56%)





- Cyan (57%)
- Magenta (66%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 17.641, 322.146 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, 17.641, 322.146 by changing the saturation by 10% instead.


 40, 17.641,
322.146


 40, 17.641,
322.146


 100, 17.641,
322.146


 30, 17.641,
322.146

 60, 17.641,
322.146


 20, 17.641,
322.146


 70, 17.641,
322.146


 10, 17.641,
322.146

 80, 17.641,
322.146

 0, 17.641, 322.146

 90, 17.641,
322.146

 40, 17.641,

 40, 17.641,

322.146

37, 25.579,
322.591

34, 33.357,
323.008

31, 40.776,
323.379

29, 47.579,
323.678

27, 53.469,
323.879

25, 58.147,
323.955

24, 61.403,
323.884

23, 63.544,
323.802

322.146

43, 9.683, 321.687

46, 1.807, 321.169

50, 5.926, 140.838

53, 13.478,
140.402

57, 20.829,
139.997

60, 27.972,
139.619

63, 34.905,
139.265

67, 41.634,
138.937

70, 48.165,

Harmonies

Complementary

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



40, 17.641, 322.146



45, 17.538, 139.992

Rectangle

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



40, 17.641, 322.146



40, 17.641, 12.146



40, 17.641, 142.146



40, 17.641, 192.146

Sweetspot

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



40, 17.640, 322.146



57, 6.791, 321.444



39, 13.316, 286.777



30, 4.448, 321.462



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, 17.640, 322.146



50, 26.456, 322.388



40, 14.158, 338.708



22, 4.418, 321.531



25, 66.673, 323.770



54, 113.947, 323.524

Inverse Universe

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



40, 11.040, 11.544



49, 16.787, 12.184



45, 13.976, 155.433



22, 2.679, 10.183



24, 54.791, 32.652



52, 96.673, 35.638

Previews

White Background



This preview shows how the CIELCh color 40, 17.641, 322.146 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, 17.641, 322.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

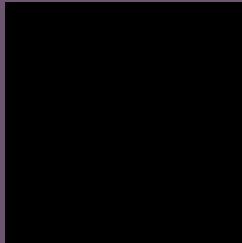
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 17.641, 322.146

Background



This preview shows how black text looks on a background with the CIELCh color 40, 17.641, 322.146.



This preview shows how white text looks on a background with the CIELCh color 40, 17.641, 322.146.

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, 17.641, 322.146

Protanopia

40, 14.077, 286.173

Deuteranopia

40, 11.737, 299.588



Tritanopia
40, 8.362, 350.056

Trichromacy



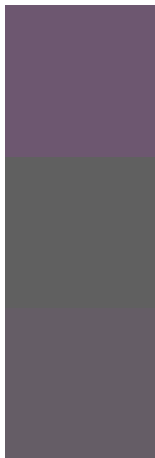
Original Color
40, 17.641, 322.146

Protanomaly
40, 14.831, 299.817

Deuteranomaly
40, 13.607, 310.703

Tritanomaly
40, 11.195, 336.087

Monochromacy



Original Color
40, 17.641, 322.146

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 6.425, 321.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 17.641, 322.146 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(109, 87, 112)` looks like.

```
.text, #text, p{  
    color:rgb(109, 87, 112)  
}
```

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(109, 87, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 87, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 17.641, 322.146 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(109, 87, 112) }
```

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

```
.border{ border-color:rgb(109, 87, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 87, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 87, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 87, 112);  
box-shadow:4px 4px 4px 4px rgb(109, 87,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 17.641, 322.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 87, 112) }
```

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

```
.background{ background-color: rgb(109, 87,  
112) }
```

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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