

Converting Colors

CIELCh(40, 5.261, 149.497)

Have a look what the booklet for
CIELCh(40, 5.261, 149.497) contains.

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Color

CIELCh(40, 4.993, 151.860)

Conversions

Conversions Part 1

Format	Color
Hex	58605A
RGB	88, 96, 90
RGB Percent	35%, 38%, 35%
CMY	0.6538, 0.6224, 0.6459
CMYK	0.08, 0.00, 0.06, 0.62
HSL	135°, 4%, 36%
HSV	135°, 8%, 38%
XYZ	10.1192, 11.2510, 11.3757
YIQ	92.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

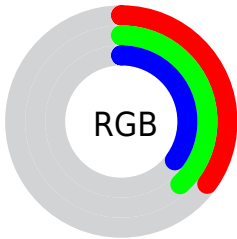
Format	Color
RYB	88, 94, 96
Decimal	5791834
CIE Lab	40.00, -4.40, 2.35
CIE LCh	40, 4.993, 151.860
Yxy	11.2510, 0.3090, 0.3436
Android (android.graphics.Color)	4283981914 (0xFF58605A)
YUV	92.9240, -1.4415, -4.3183
Hunter-Lab	33.5425, -4.8491, 3.3719

Details

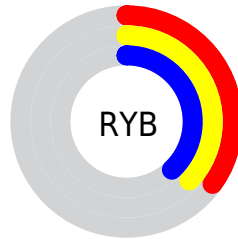
The CIELCh color **40, 4.993, 151.860** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 5.014, 332.799**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 4.624, 152.045**, and **20, 4.753, 152.920** is the 20% darker color. If you saturate the color by 10%, you get **39, 11.050, 151.138**, and if you desaturate by 10%, it is **41, 1.012, 332.246**.

Distribution



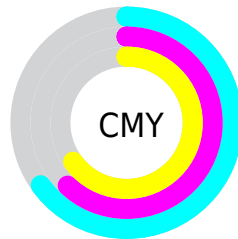
- Red (35%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (37%)
- Blue (38%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 4.993, 151.860 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, 4.993, 151.860 by changing the saturation by 10% instead.

■ 40, 4.993, 151.860

■ 40, 4.993, 151.860

■ 100, 4.993,
151.860

■ 30, 4.993, 151.860

■ 60, 4.993, 151.860

■ 20, 4.993, 151.860

■ 70, 4.993, 151.860

■ 10, 4.993, 151.860

■ 80, 4.993, 151.860

■ 0, 4.993, 151.860

■ 90, 4.993, 151.860

■ 40, 4.993, 151.860

■ 40, 4.993, 151.860

■ 39, 11.050,
151.138

■ 41, 1.012, 332.246

■ 38, 17.094,

■ 42, 6.923, 332.948

150.332

43, 12.706,
333.441

37, 23.050,
149.414

45, 18.339,
333.874

37, 28.827,
148.364

46, 23.809,
334.261

36, 34.321,
147.170

47, 29.111,
334.610

36, 39.424,
145.824

49, 34.243,
334.926

35, 44.033,
144.331

50, 39.207,
335.215

35, 48.056,
142.717

52, 44.010,
335.479

35, 51.573,
141.221

Harmonies

Complementary

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



40, 4.993, 151.860



38, 5.014, 332.799

Rectangle

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



40, 4.993, 151.860



40, 4.993, 201.860



40, 4.993, 331.860



40, 4.993, 21.860

Sweetspot

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



40, 4.994, 151.858



52, 1.479, 152.368



40, 4.919, 118.785



27, 0.847, 152.394



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



40, 4.994, 151.858



51, 7.452, 151.719



40, 3.574, 177.685



19, 3.388, 151.818



41, 58.580, 140.631



83, 105.331, 139.425

Inverse Universe

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



38, 5.014, 332.799



49, 7.482, 332.928



38, 3.665, 358.963



18, 3.401, 332.836



24, 52.509, 340.628



54, 90.829, 341.631

Previews

White Background



This preview shows how the CIELCh color 40, 4.993, 151.860 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, 4.993, 151.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

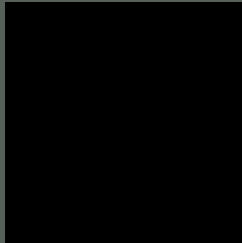
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

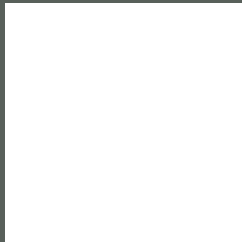
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 4.993, 151.860

Background



This preview shows how black text looks on a background with the CIELCh color 40, 4.993, 151.860.



This preview shows how white text looks on a background with the CIELCh color 40, 4.993, 151.860.

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, 4.993, 151.860

Protanopia

40, 3.288, 86.637

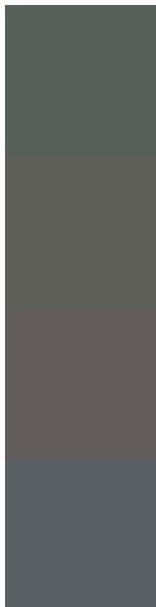
Deuteranopia

40, 5.602, 20.114



Tritanopia
40, 4.675, 265.404

Trichromacy



Original Color
40, 4.993, 151.860

Protanomaly
40, 3.669, 116.287

Deuteranomaly
40, 2.447, 49.272

Tritanomaly
40, 3.024, 236.545

Monochromacy



Original Color
40, 4.993, 151.860

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 1.760, 155.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 4.993, 151.860 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(88, 96, 90)` looks like.

```
.text, #text, p{  
    color:rgb(88, 96, 90)  
}
```

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(88, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 96, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 4.993, 151.860 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(88, 96, 90) }
```

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

```
.border{ border-color:rgb(88, 96, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 96, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(88, 96, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 4.993, 151.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 96, 90) }
```

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

```
.background{ background-color: rgb(88, 96,  
90) }
```

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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