

# Converting Colors

CIELCh(41, 3.474, 246.144)

Have a look what the booklet for  
CIELCh(41, 3.474, 246.144) contains.

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# Color

**CIELCh(41, 3.393, 244.993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6266
RGB	92, 98, 102
RGB Percent	36%, 38%, 40%
CMY	0.6408, 0.6173, 0.6016
CMYK	0.10, 0.04, 0.00, 0.60
HSL	204°, 5%, 38%
HSV	204°, 10%, 40%
XYZ	11.0805, 11.8645, 14.1694
YIQ	96.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

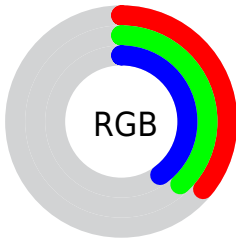
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 96, 102
Decimal	6054502
CIE Lab	41.00, -1.43, -3.07
CIE LCh	41, 3.393, 244.993
Yxy	11.8645, 0.2986, 0.3197
Android (android.graphics.Color)	4284244582 (0xFF5C6266)
YUV	96.6620, 2.6316, -4.0886
Hunter-Lab	34.4449, -2.8573, -0.2783

# Details

The CIELCh color  $41, 3.393, 244.993$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $41, 3.518, 62.863$ , and the grayscale version is  $41, 0.006, 296.813$ .

A 20% lighter version of the original color is  $61, 3.440, 240.244$ , and  $21, 3.297, 237.056$  is the 20% darker color. If you saturate the color by 10%, you get  $39, 6.749, 246.178$ , and if you desaturate by 10%, it is  $43, 0.054, 58.787$ .

# Distribution



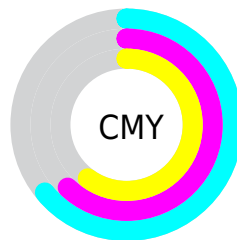
- Red (36%)
- Green (38%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 3.393, 244.993 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 41, 3.393, 244.993 by changing the saturation by 10% instead.



■ 41, 3.393, 244.993

■ 41, 3.393, 244.993

■ 100, 3.393,  
244.993

■ 31, 3.393, 244.993

■ 61, 3.393, 244.993

■ 21, 3.393, 244.993

■ 71, 3.393, 244.993

■ 11, 3.393, 244.993

■ 81, 3.393, 244.993

■ 1, 3.393, 244.993

■ 91, 3.393, 244.993

■ 0, 3.393, 244.993

■ 41, 3.393, 244.993

■ 41, 3.393, 244.993

■ 39, 6.749, 246.178

■ 43, 0.054, 58.787

■ 37, 9.993, 247.661

■ 45, 3.568, 62.907

■ 35, 13.100,  
249.457

■ 47, 7.132, 62.208

■ 33, 16.051,  
251.623

■ 49, 10.730, 61.595

■ 51, 14.348, 61.066

■ 31, 18.831,  
254.223

■ 54, 17.976, 60.608

■ 29, 21.440,  
257.313

■ 56, 21.604, 60.209

■ 58, 25.224, 59.860

■ 28, 23.898,  
260.928

■ 60, 28.832, 59.552

■ 26, 26.247,  
265.058

■ 25, 28.650,  
269.130

# Harmonies

# Complementary

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



41, 3.393, 244.993



41, 3.518, 62.863

# Rectangle

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



41, 3.393, 244.993



41, 3.393, 294.993



41, 3.393, 64.993



41, 3.393, 114.993

# Sweetspot

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



41, 3.393, 244.974



55, 1.301, 244.425



42, 5.602, 157.207



28, 0.977, 244.448



78, 0.009, 296.813



28, 0.004, 296.813



# Same Dimension

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



41, 3.393, 244.974



52, 5.135, 245.249



40, 5.407, 286.026



20, 1.945, 244.879



28, 31.607, 269.977



59, 57.440, 273.252





# Inverse Universe

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



40, 5.578, 339.279



51, 8.489, 339.473



42, 5.319, 103.999



20, 3.192, 339.208



24, 48.849, 351.475



53, 83.821, 353.469



# Previews

## White Background



This preview shows how the CIELCh color 41, 3.393, 244.993 looks on a white background.

## Color Contrast Check

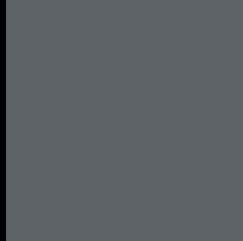
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 3.393, 244.993 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

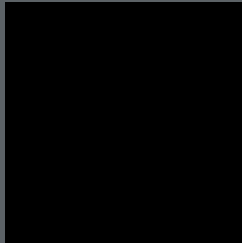
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

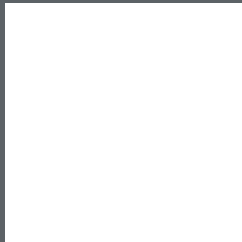
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 41, 3.393, 244.993

## Background



This preview shows how black text looks on a background with the CIELCh color 41, 3.393, 244.993.



This preview shows how white text looks on a background with the CIELCh color 41, 3.393, 244.993.

# 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

41, 3.393, 244.993

### Protanopia

41, 3.073, 298.310

### Deuteranopia

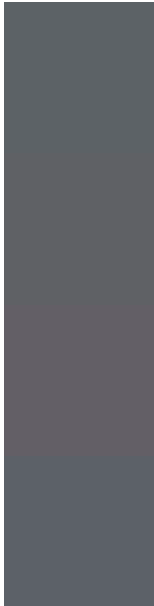
41, 6.148, 328.058



**Tritanopia**  
41, 5.209, 268.413



# Trichromacy



## Original Color

41, 3.393, 244.993

## Protanomaly

41, 2.549, 271.886

## Deuteranomaly

41, 4.582, 311.775

## Tritanomaly

41, 4.659, 265.377

# Monochromacy



## Original Color

41, 3.393, 244.993

## Achromatopsia

41, 0.006, 296.813

## Achromatomaly

41, 1.370, 225.826

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 41, 3.393, 244.993 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, 98, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 98, 102)  
}
```

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, 98, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 98, 102) }
```

## Border

The CSS property to change the border of an element to CIELCh 41, 3.393, 244.993 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, 98, 102) }
```

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

```
.border{ border-color:rgb(92, 98, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 98, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 98, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 98, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 98,  
102) }
```

# Background

The CSS property to change the background color of an element to CIELCh 41, 3.393, 244.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 98, 102) }
```

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

```
.background{ background-color: rgb(92, 98,  
102) }
```

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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