

Converting Colors

CIELCh(41, 9.140, 200.770)

Have a look what the booklet for
CIELCh(41, 9.140, 200.770) contains.

CIELCh(41, 8.949, 202.260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 8.949, 202.260)

Conversions

Conversions Part 1

Format	Color
Hex	4E6566
RGB	78, 101, 102
RGB Percent	31%, 40%, 40%
CMY	0.6944, 0.6042, 0.6003
CMYK	0.24, 0.01, 0.00, 0.60
HSL	182°, 13%, 35%
HSV	182°, 24%, 40%
XYZ	10.1745, 11.8645, 14.3019
YIQ	94.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

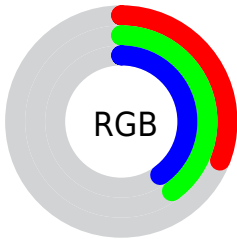
Format	Color
R_{YB}	78, 90, 102
Decimal	5137766
CIE _{Lab}	41.00, -8.28, -3.39
CIE _{LCh}	41, 8.949, 202.260
Yxy	11.8645, 0.2800, 0.3265
Android (android.graphics.Color)	4283327846 (0xFF4E6566)
YUV	94.2370, 3.8272, -14.2398
Hunter-Lab	34.4449, -7.5526, -0.5065

Details

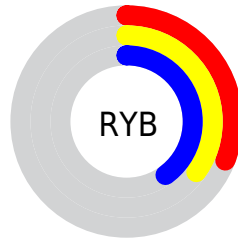
The CIELCh color **41, 8.949, 202.260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 10.389, 24.308**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.852, 202.305**, and **21, 9.014, 202.114** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.312, 202.001**, and if you desaturate by 10%, it is **42, 5.300, 202.588**.

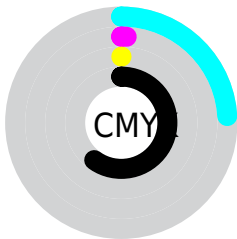
Distribution



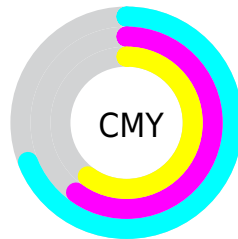
- Red (31%)
- Green (40%)
- Blue (40%)



- Red (31%)
- Yellow (35%)
- Blue (40%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.949, 202.260 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, 8.949, 202.260 by changing the saturation by 10% instead.

■ 41, 8.949, 202.260

■ 41, 8.949, 202.260

■ 100, 8.949,
202.260

■ 31, 8.949, 202.260

■ 61, 8.949, 202.260

■ 21, 8.949, 202.260

■ 71, 8.949, 202.260

■ 11, 8.949, 202.260

■ 81, 8.949, 202.260

■ 1, 8.949, 202.260

■ 91, 8.949, 202.260

■ 0, 8.949, 202.260

■ 41, 8.949, 202.260

■ 41, 8.949, 202.260

■ 40, 12.312,
202.001

■ 42, 5.300, 202.588

■ 40, 15.331,

■ 43, 1.420, 203.123

201.830

44, 2.637, 23.157

39, 17.950,
201.750

45, 6.826, 23.672

38, 20.124,
201.773

46, 11.107, 24.151

38, 21.821,
201.911

47, 15.447, 24.637

38, 23.029,
202.173

49, 19.820, 25.130

37, 23.792,
202.557

50, 24.205, 25.626

37, 24.226,
202.813

51, 28.585, 26.123

Harmonies

Complementary

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



41, 8.949, 202.260



36, 10.389, 24.308

Rectangle

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



41, 8.949, 202.260



41, 8.949, 252.260



41, 8.949, 22.260



41, 8.949, 72.260

Sweetspot

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



41, 8.949, 202.254



55, 3.453, 202.865



41, 17.402, 143.892



28, 2.224, 202.849



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, 8.949, 202.254



52, 12.981, 202.112



37, 8.887, 262.223



21, 2.224, 202.780



42, 26.331, 202.906



84, 45.526, 203.328

Inverse Universe

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



36, 17.317, 326.797



45, 25.552, 327.072



39, 9.312, 76.127



20, 4.111, 326.013



26, 62.128, 329.884



57, 107.538, 329.989

Previews

White Background



This preview shows how the CIELCh color 41, 8.949, 202.260 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, 8.949, 202.260 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, 8.949, 202.260

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.949, 202.260.



This preview shows how white text looks on a background with the CIELCh color 41, 8.949, 202.260.

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, 8.949, 202.260

Protanopia

41, 1.878, 303.181

Deuteranopia

41, 6.635, 324.866



Tritanopia
41, 9.194, 230.654

Trichromacy



Original Color
41, 8.949, 202.260

Protanomaly
41, 3.438, 219.838

Deuteranomaly
41, 3.816, 272.223

Tritanomaly
41, 8.724, 223.358

Monochromacy



Original Color
41, 8.949, 202.260

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.673, 199.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.949, 202.260 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(78, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(78, 101, 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(78, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 101, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.949, 202.260 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(78, 101, 102) }
```

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

```
.border{ border-color:rgb(78, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(78, 101,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.949, 202.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 101, 102) }
```

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

```
.background{ background-color: rgb(78, 101,  
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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