

Converting Colors

CIELCh(41, 7.488, 136.118)

Have a look what the booklet for
CIELCh(41, 7.488, 136.118) contains.

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Color

CIELCh(41, 7.497, 136.151)

Conversions

Conversions Part 1

Format	Color
Hex	5B6358
RGB	91, 99, 88
RGB Percent	36%, 39%, 35%
CMY	0.6430, 0.6116, 0.6547
CMYK	0.08, 0.00, 0.11, 0.61
HSL	104°, 6%, 37%
HSV	104°, 11%, 39%
XYZ	10.5487, 11.8645, 10.9767
YIQ	95.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

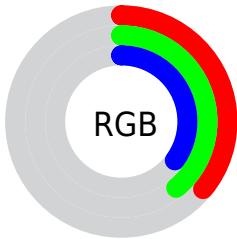
Format	Color
R _Y B	88, 99, 96
Decimal	5989208
CIE Lab	41.00, -5.41, 5.19
CIE LCh	41, 7.497, 136.151
Yxy	11.8645, 0.3159, 0.3553
Android (android.graphics.Color)	4284179288 (0xFF5B6358)
YUV	95.3540, -3.6255, -3.8185
Hunter-Lab	34.4449, -5.6134, 5.2173

Details

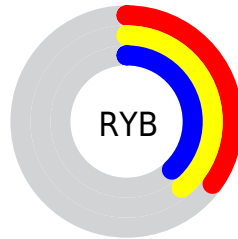
The CIELCh color **41, 7.497, 136.151** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 7.557, 317.015**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 7.631, 136.974**, and **21, 7.751, 138.054** is the 20% darker color. If you saturate the color by 10%, you get **40, 14.291, 135.686**, and if you desaturate by 10%, it is **42, 0.740, 136.703**.

Distribution



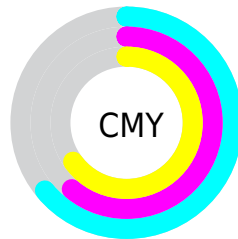
- Red (36%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (38%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.497, 136.151 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, 7.497, 136.151 by changing the saturation by 10% instead.

■ 41, 7.497, 136.151

■ 41, 7.497, 136.151

■ 100, 7.497,
136.151

■ 31, 7.497, 136.151

■ 61, 7.497, 136.151

■ 21, 7.497, 136.151

■ 71, 7.497, 136.151

■ 11, 7.497, 136.151

■ 81, 7.497, 136.151

■ 1, 7.497, 136.151

■ 91, 7.497, 136.151

■ 0, 7.497, 136.151

■ 41, 7.497, 136.151

■ 41, 7.497, 136.151

■ 40, 14.291,
135.686

■ 42, 0.740, 136.703

■ 39, 21.061,

■ 43, 5.943, 316.896

135.180

44, 12.521,
317.226

39, 27.731,
134.642

45, 18.975,
317.509

38, 34.194,
134.093

46, 25.290,
317.753

38, 40.310,
133.575

47, 31.460,
317.964

37, 45.888,
133.151

48, 37.481,
318.146

37, 50.691,
132.913

50, 43.354,
318.302

37, 54.474,
132.962

51, 49.080,
318.437

36, 57.485,
132.878

Harmonies

Complementary

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



41, 7.497, 136.151



39, 7.557, 317.015

Rectangle

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



41, 7.497, 136.151



41, 7.497, 186.151



41, 7.497, 316.151



41, 7.497, 6.151

Sweetspot

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



41, 7.498, 136.153



53, 2.478, 136.527



41, 4.949, 93.643



27, 1.864, 136.491



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



41, 7.498, 136.153



52, 10.810, 136.050



41, 7.010, 150.457



20, 3.714, 136.254



41, 62.920, 133.069



84, 111.021, 133.818

Inverse Universe

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



39, 7.557, 317.015



48, 10.907, 317.109



39, 7.035, 331.746



18, 3.739, 316.921



20, 64.910, 318.633



46, 113.796, 318.096

Previews

White Background



This preview shows how the CIELCh color 41, 7.497, 136.151 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, 7.497, 136.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

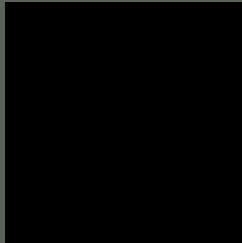
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

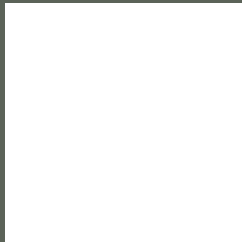
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 7.497, 136.151

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.497, 136.151.

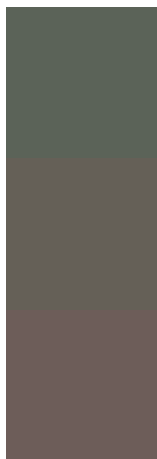


This preview shows how white text looks on a background with the CIELCh color 41, 7.497, 136.151.

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, 7.497, 136.151

Protanopia

41, 5.854, 87.514

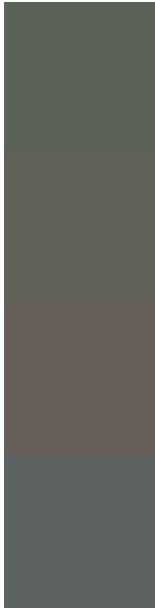
Deuteranopia

41, 7.416, 39.170



Tritanopia
41, 4.394, 274.882

Trichromacy



Original Color

41, 7.497, 136.151

Protanomaly

41, 6.041, 109.251

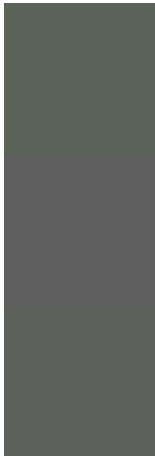
Deuteranomaly

41, 4.723, 69.703

Tritanomaly

41, 2.056, 199.302

Monochromacy



Original Color

41, 7.497, 136.151

Achromatopsia

40, 0.006, 296.813

Achromatomaly

40, 2.574, 128.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.497, 136.151 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(91, 99, 88)` looks like.

```
.text, #text, p{  
    color:rgb(91, 99, 88)  
}
```

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(91, 99, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 99, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.497, 136.151 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(91, 99, 88) }
```

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

```
.border{ border-color:rgb(91, 99, 88) }
```

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

Here you see how a box with a 4 pixel rgb(91, 99, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 99, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 99, 88);  
box-shadow:4px 4px 4px 4px rgb(91, 99, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.497, 136.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 99, 88) }
```

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

```
.background{ background-color: rgb(91, 99,  
88) }
```

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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