

Converting Colors

CIELCh(41, 9.146, 145.850)

Have a look what the booklet for
CIELCh(41, 9.146, 145.850) contains.

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Color

CIELCh(41, 9.146, 145.850)

Conversions

Conversions Part 1

Format	Color
Hex	576458
RGB	87, 100, 88
RGB Percent	34%, 39%, 35%
CMY	0.6585, 0.6075, 0.6546
CMYK	0.13, 0.00, 0.12, 0.61
HSL	125°, 7%, 37%
HSV	125°, 13%, 39%
XYZ	10.2664, 11.8645, 10.9977
YIQ	94.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

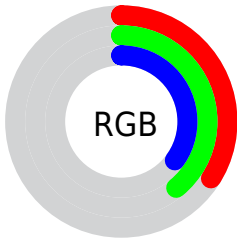
Format	Color
R_{YB}	87, 99, 100
Decimal	5727320
CIE Lab	41.00, -7.57, 5.13
CIE LCh	41, 9.146, 145.850
Yxy	11.8645, 0.3099, 0.3581
Android (android.graphics.Color)	4283917400 (0xFF576458)
YUV	94.7450, -3.3253, -6.7924
Hunter-Lab	34.4449, -7.0760, 5.1811

Details

The CIELCh color **41, 9.146, 145.850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 9.162, 327.257**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 9.165, 145.903**, and **21, 8.543, 145.873** is the 20% darker color. If you saturate the color by 10%, you get **40, 16.242, 145.155**, and if you desaturate by 10%, it is **42, 2.090, 146.503**.

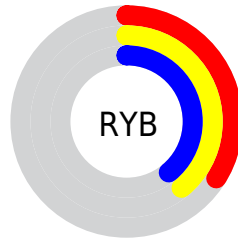
Distribution



Red (34%)

Green (39%)

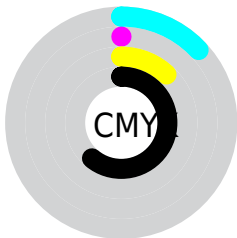
Blue (35%)



Red (34%)

Yellow (39%)

Blue (39%)

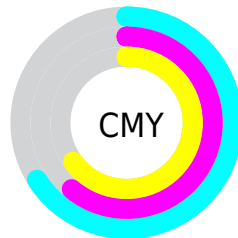


Cyan (13%)

Magenta (0%)

Yellow (12%)

Black (61%)



Cyan (66%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.146, 145.850 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, 9.146, 145.850 by changing the saturation by 10% instead.

41, 9.146, 145.850

41, 9.146, 145.850

100, 9.146,
145.850

31, 9.146, 145.850

61, 9.146, 145.850

21, 9.146, 145.850

71, 9.146, 145.850

11, 9.146, 145.850

81, 9.146, 145.850

1, 9.146, 145.850

91, 9.146, 145.850

0, 9.146, 145.850

41, 9.146, 145.850

41, 9.146, 145.850

40, 16.242,
145.155

42, 2.090, 146.503

39, 23.285,

43, 4.866, 326.898

144.358

44, 11.674,
327.356

38, 30.164,
143.445

46, 18.304,
327.740

38, 36.741,
142.414

47, 24.739,
328.071

37, 42.851,
141.276

49, 30.971,
328.358

37, 48.311,
140.066

50, 36.998,
328.610

37, 52.920,
138.851

52, 42.824,
328.830

36, 56.502,
137.750

53, 48.456,
329.025

36, 58.506,
137.269

Harmonies

Complementary

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



41, 9.146, 145.850



39, 9.162, 327.257

Rectangle

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



41, 9.146, 145.850



41, 9.146, 195.850



41, 9.146, 325.850



41, 9.146, 15.850

Sweetspot

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



41, 9.147, 145.850



54, 3.469, 146.419



42, 7.822, 111.756



28, 2.486, 146.379



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, 9.147, 145.850



52, 13.993, 145.619



41, 6.396, 166.370



21, 4.005, 146.109



42, 64.722, 137.094



84, 113.836, 136.511

Inverse Universe

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



39, 9.162, 327.257



49, 14.014, 327.447



38, 6.531, 348.460



20, 4.013, 327.032



26, 60.498, 331.402



56, 104.548, 331.612

Previews

White Background



This preview shows how the CIELCh color 41, 9.146, 145.850 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, 9.146, 145.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

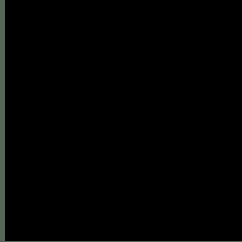
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 9.146, 145.850

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.146, 145.850.

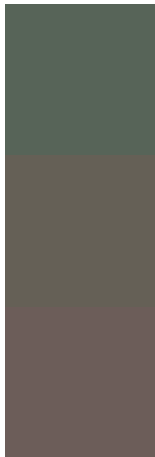


This preview shows how white text looks on a background with the CIELCh color 41, 9.146, 145.850.

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

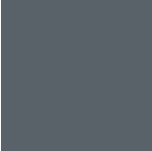
41, 9.146, 145.850

Protanopia

41, 6.422, 89.366

Deuteranopia

41, 6.994, 40.315



Tritanopia
41, 5.240, 253.520

Trichromacy



Original Color

41, 9.146, 145.850

Protanomaly

41, 6.062, 113.330

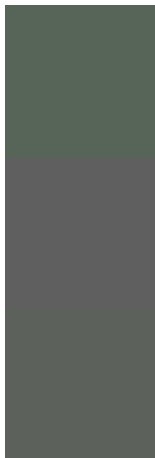
Deuteranomaly

41, 4.563, 87.300

Tritanomaly

41, 4.059, 198.973

Monochromacy



Original Color

41, 9.146, 145.850

Achromatopsia

40, 0.006, 296.813

Achromatomaly

41, 3.708, 144.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.146, 145.850 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(87, 100, 88)` looks like.

```
.text, #text, p{  
    color:rgb(87, 100, 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(87, 100, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 100, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.146, 145.850 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(87, 100, 88) }
```

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

```
.border{ border-color:rgb(87, 100, 88) }
```

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

Here you see how a box with a 4 pixel rgb(87, 100, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 100, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 100, 88);  
box-shadow:4px 4px 4px 4px rgb(87, 100,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.146, 145.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 100, 88) }
```

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

```
.background{ background-color: rgb(87, 100,  
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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