

Converting Colors

CIELCh(41, 7.715, 145.230)

Have a look what the booklet for
CIELCh(41, 7.715, 145.230) contains.

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Color

CIELCh(41, 8.150, 143.851)

Conversions

Conversions Part 1

Format	Color
Hex	596459
RGB	89, 100, 89
RGB Percent	35%, 39%, 35%
CMY	0.6524, 0.6093, 0.6524
CMYK	0.11, 0.00, 0.11, 0.61
HSL	120°, 6%, 37%
HSV	120°, 11%, 39%
XYZ	10.3948, 11.8645, 11.1138
YIQ	95.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

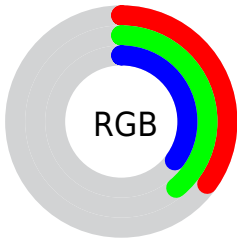
Format	Color
R_{YB}	89, 100, 100
Decimal	5858393
CIE _{Lab}	41.00, -6.58, 4.81
CIE _{LCh}	41, 8.150, 143.851
Yxy	11.8645, 0.3115, 0.3555
Android (android.graphics.Color)	4284048473 (0xFF596459)
YUV	95.4570, -3.1833, -5.6628
Hunter-Lab	34.4449, -6.4111, 4.9813

Details

The CIELCh color $41, 8.150, 143.851$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 8.162, 324.989$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 8.243, 144.017$, and $21, 7.713, 146.261$ is the 20% darker color. If you saturate the color by 10%, you get $40, 15.601, 143.191$, and if you desaturate by 10%, it is $42, 0.754, 144.596$.

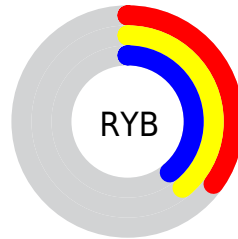
Distribution



Red (35%)

Green (39%)

Blue (35%)



Red (35%)

Yellow (39%)

Blue (39%)

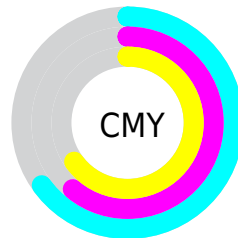


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.150, 143.851 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, 8.150, 143.851 by changing the saturation by 10% instead.

41, 8.150, 143.851

41, 8.150, 143.851

100, 8.150,
143.851

31, 8.150, 143.851

61, 8.150, 143.851

21, 8.150, 143.851

71, 8.150, 143.851

11, 8.150, 143.851

81, 8.150, 143.851

1, 8.150, 143.851

91, 8.150, 143.851

0, 8.150, 143.851

41, 8.150, 143.851

41, 8.150, 143.851

40, 15.601,
143.191

42, 0.754, 144.596

39, 23.012,

43, 6.522, 324.843

142.434

45, 13.634,
325.263

38, 30.261,
141.570

46, 20.551,
325.614

38, 37.192,
140.605

47, 27.259,
325.914

37, 43.611,
139.563

49, 33.751,
326.171

37, 49.288,
138.500

50, 40.027,
326.392

36, 53.964,
137.507

52, 46.092,
326.584

36, 57.395,
136.704

54, 51.956,
326.750

36, 60.119,
136.017

Harmonies

Complementary

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



41, 8.150, 143.851



39, 8.162, 324.989

Rectangle

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



41, 8.150, 143.851



41, 8.150, 193.851



41, 8.150, 323.851



41, 8.150, 13.851

Sweetspot

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



41, 8.151, 143.851



54, 2.739, 144.351



42, 6.610, 109.182



28, 2.095, 144.303



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, 8.151, 143.851



53, 11.970, 143.704



41, 5.677, 162.828



21, 4.222, 143.980



42, 66.435, 136.017



84, 115.214, 136.016

Inverse Universe

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



39, 8.162, 324.989



50, 11.984, 325.113



39, 5.755, 344.474



20, 4.229, 324.878



26, 64.098, 328.235



57, 111.158, 328.235

Previews

White Background



This preview shows how the CIELCh color 41, 8.150, 143.851 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, 8.150, 143.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

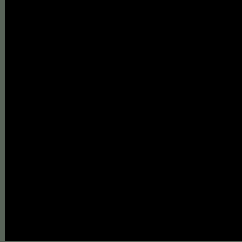
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

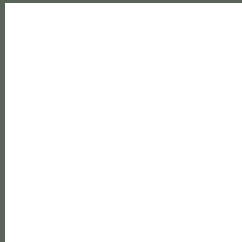
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 8.150, 143.851

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.150, 143.851.

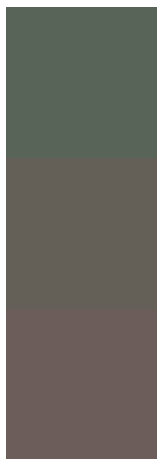


This preview shows how white text looks on a background with the CIELCh color 41, 8.150, 143.851.

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, 8.150, 143.851

Protanopia

41, 5.854, 87.514

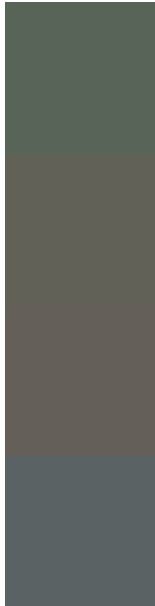
Deuteranopia

41, 6.782, 35.636



Tritanopia
41, 5.363, 264.492

Trichromacy



Original Color

41, 8.150, 143.851

Protanomaly

41, 5.438, 109.343

Deuteranomaly

41, 3.971, 69.110

Tritanomaly

41, 3.299, 209.726

Monochromacy



Original Color

41, 8.150, 143.851

Achromatopsia

40, 0.006, 296.813

Achromatomaly

41, 2.963, 144.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.150, 143.851 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(89, 100, 89)` looks like.

```
.text, #text, p{  
    color:rgb(89, 100, 89)  
}
```

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(89, 100, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 100, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.150, 143.851 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(89, 100, 89) }
```

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

```
.border{ border-color:rgb(89, 100, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 100, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 100, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 100, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 100,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.150, 143.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 100, 89) }
```

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

```
.background{ background-color: rgb(89, 100,  
89) }
```

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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