

Converting Colors

CIELCh(41, 9.498, 111.481)

Have a look what the booklet for
CIELCh(41, 9.498, 111.481) contains.

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Color

CIELCh(41, 9.651, 111.316)

Conversions

Conversions Part 1

Format	Color
Hex	616252
RGB	97, 98, 82
RGB Percent	38%, 38%, 32%
CMY	0.6199, 0.6160, 0.6787
CMYK	0.01, 0.00, 0.16, 0.62
HSL	64°, 9%, 35%
HSV	64°, 16%, 38%
XYZ	10.8007, 11.8645, 9.6874
YIQ	95.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

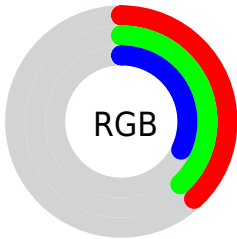
Format	Color
R_YB	82, 98, 83
Decimal	6382162
CIE Lab	41.00, -3.51, 8.99
CIE LCh	41, 9.651, 111.316
Yxy	11.8645, 0.3338, 0.3667
Android (android.graphics.Color)	4284572242 (0xFF616252)
YUV	95.8770, -6.8414, 0.9849
Hunter-Lab	34.4449, -4.3075, 7.4366

Details

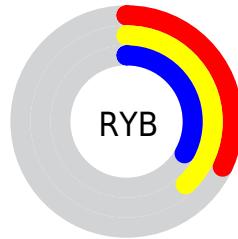
The CIELCh color $41, 9.651, 111.316$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35, 9.992, 294.116$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 10.079, 111.332$, and $21, 10.022, 110.708$ is the 20% darker color. If you saturate the color by 10%, you get $41, 15.499, 110.506$, and if you desaturate by 10%, it is $41, 3.750, 112.129$.

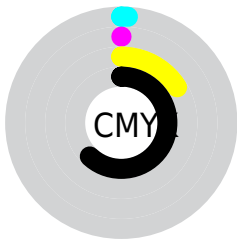
Distribution



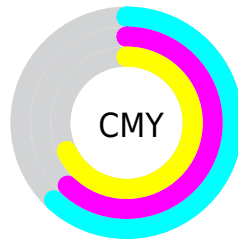
- Red (38%)
- Green (38%)
- Blue (32%)



- Red (32%)
- Yellow (38%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.651, 111.316 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, 9.651, 111.316 by changing the saturation by 10% instead.

■ 41, 9.651, 111.316

■ 41, 9.651, 111.316

■ 100, 9.651,
111.316

■ 31, 9.651, 111.316

■ 61, 9.651, 111.316

■ 21, 9.651, 111.316

■ 71, 9.651, 111.316

■ 11, 9.651, 111.316

■ 81, 9.651, 111.316

■ 1, 9.651, 111.316

■ 91, 9.651, 111.316

■ 0, 9.651, 111.316

■ 41, 9.651, 111.316

■ 41, 9.651, 111.316

■ 41, 15.499,
110.506

■ 41, 3.750, 112.129

■ 40, 21.244,

■ 42, 2.177, 292.944

109.700

42, 8.106, 293.710

40, 26.817,
108.923

42, 14.022,
294.454

40, 32.116,
108.201

43, 19.914,
295.168

40, 36.990,
107.567

43, 25.773,
295.847

40, 41.235,
107.062

44, 31.593,
296.490

40, 44.607,
106.735

44, 37.366,
297.098

40, 47.196,
106.560

45, 43.090,
297.670

40, 48.182,
106.485

Harmonies

Complementary

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



41, 9.651, 111.316



35, 9.992, 294.116

Rectangle

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



41, 9.651, 111.316



41, 9.651, 161.316



41, 9.651, 291.316



41, 9.651, 341.316

Sweetspot

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



41, 9.652, 111.321



53, 3.674, 112.224



37, 6.733, 24.509



27, 2.485, 112.186



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, 9.652, 111.321



53, 14.659, 110.974



40, 10.423, 130.137



20, 3.289, 111.927



45, 53.044, 106.543



91, 92.759, 106.772

Inverse Universe

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



35, 9.992, 294.116



44, 15.320, 294.561



36, 10.617, 311.458



18, 3.354, 293.401



11, 72.651, 306.621



30, 127.399, 306.427

Previews

White Background



This preview shows how the CIELCh color 41, 9.651, 111.316 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, 9.651, 111.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

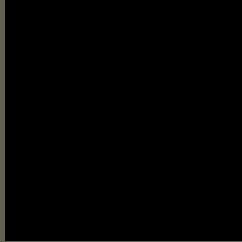
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

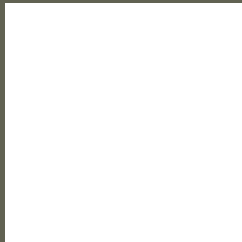
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 9.651, 111.316

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.651, 111.316.

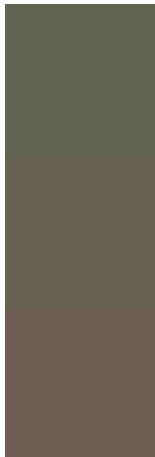


This preview shows how white text looks on a background with the CIELCh color 41, 9.651, 111.316.

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, 9.651, 111.316

Protanopia

41, 9.445, 92.365

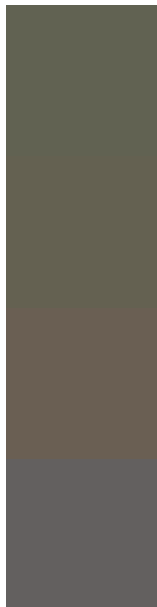
Deuteranopia

41, 10.132, 56.580



Tritanopia
41, 5.300, 313.595

Trichromacy



Original Color
41, 9.651, 111.316

Protanomaly
41, 9.737, 100.848

Deuteranomaly
41, 8.768, 75.152

Tritanomaly
41, 1.394, 45.026

Monochromacy



Original Color
41, 9.651, 111.316

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 3.655, 116.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.651, 111.316 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(97, 98, 82)` looks like.

```
.text, #text, p{  
    color:rgb(97, 98, 82)  
}
```

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(97, 98, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 98, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.651, 111.316 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(97, 98, 82) }
```

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

```
.border{ border-color:rgb(97, 98, 82) }
```

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

Here you see how a box with a 4 pixel rgb(97, 98, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 98, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 98, 82);  
box-shadow:4px 4px 4px 4px rgb(97, 98, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.651, 111.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 98, 82) }
```

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

```
.background{ background-color: rgb(97, 98,  
82) }
```

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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