

Converting Colors

CIELCh(41, 9.624, 96.424)

Have a look what the booklet for
CIELCh(41, 9.624, 96.424) contains.

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Color

CIELCh(41, 9.807, 98.266)

Conversions

Conversions Part 1

Format	Color
Hex	656151
RGB	101, 97, 81
RGB Percent	40%, 38%, 32%
CMY	0.6046, 0.6203, 0.6830
CMYK	0.00, 0.04, 0.20, 0.60
HSL	48°, 11%, 36%
HSV	48°, 20%, 40%
XYZ	11.0838, 11.8645, 9.4567
YIQ	96.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

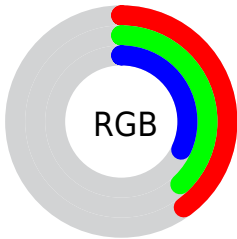
Format	Color
R _Y B	86, 101, 81
Decimal	6644049
CIE Lab	41.00, -1.41, 9.71
CIE LCh	41, 9.807, 98.266
Yxy	11.8645, 0.3420, 0.3661
Android (android.graphics.Color)	4284834129 (0xFF656151)
YUV	96.3720, -7.5784, 4.0588
Hunter-Lab	34.4449, -2.8401, 7.8336

Details

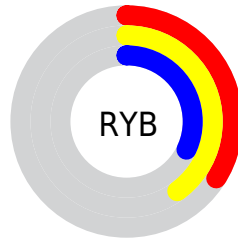
The CIELCh color $41, 9.807, 98.266$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36, 10.010, 282.806$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 10.197, 99.876$, and $21, 10.149, 99.144$ is the 20% darker color. If you saturate the color by 10%, you get $40, 14.789, 97.159$, and if you desaturate by 10%, it is $42, 4.842, 99.353$.

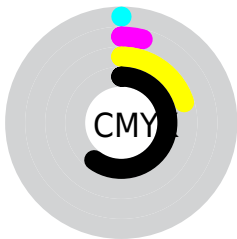
Distribution



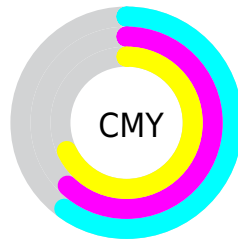
- Red (40%)
- Green (38%)
- Blue (32%)



- Red (34%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.807, 98.266 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, 9.807, 98.266 by changing the saturation by 10% instead.

■ 41, 9.807, 98.266 ■ 41, 9.807, 98.266

■ 100, 9.807, 98.266 ■ 31, 9.807, 98.266

■ 61, 9.807, 98.266 ■ 21, 9.807, 98.266

■ 71, 9.807, 98.266 ■ 11, 9.807, 98.266

■ 81, 9.807, 98.266 ■ 1, 9.807, 98.266

■ 91, 9.807, 98.266 ■ 0, 9.807, 98.266

■ 41, 9.807, 98.266 ■ 41, 9.807, 98.266

■ 40, 14.789, 97.159 ■ 42, 4.842, 99.353

■ 39, 19.754, 96.021 ■ 43, 0.090, 281.496

■ 39, 24.649, 94.867 ■ 44, 4.979, 281.470

■ 38, 29.381, 93.700

■ 45, 9.820, 282.442

■ 37, 33.799, 92.521

■ 45, 14.613,
283.378

■ 36, 37.674, 91.320

■ 46, 19.356,
284.272

■ 36, 40.691, 90.073

■ 35, 43.422, 88.862

■ 47, 24.051,
285.124

■ 35, 43.474, 88.843

■ 48, 28.699,
285.933

■ 49, 33.300,
286.699

Harmonies

Complementary

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



41, 9.807, 98.266



36, 10.010, 282.806

Rectangle

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



41, 9.807, 98.266



41, 9.807, 148.266



41, 9.807, 278.266



41, 9.807, 328.266

Sweetspot

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



41, 9.808, 98.273



54, 3.636, 99.732



36, 9.083, 5.089



28, 2.431, 99.691



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, 9.808, 98.273



52, 14.653, 97.736



42, 12.287, 120.734



21, 2.791, 99.447



40, 47.580, 88.599



80, 82.078, 87.590

Inverse Universe

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



36, 10.010, 282.806



45, 15.036, 283.499



36, 12.734, 302.972



19, 2.821, 281.423



15, 62.507, 301.280



35, 114.223, 302.875

Previews

White Background



This preview shows how the CIELCh color 41, 9.807, 98.266 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 CIELCh color 41, 9.807, 98.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

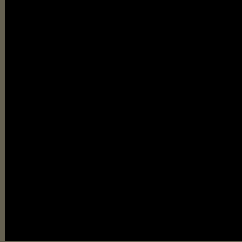
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 9.807, 98.266

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.807, 98.266.

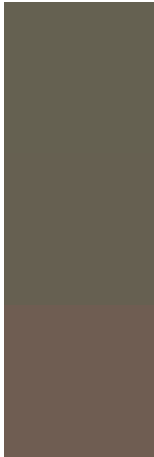


This preview shows how white text looks on a background with the CIELCh color 41, 9.807, 98.266.

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

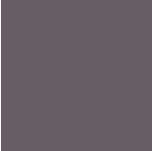
41, 9.807, 98.266

Protanopia

41, 9.445, 92.365

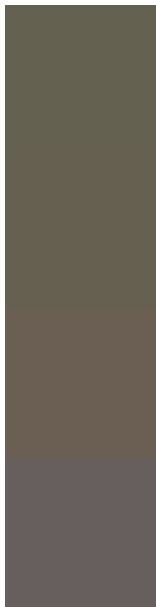
Deuteranopia

41, 10.533, 59.037



Tritanopia
41, 5.684, 331.801

Trichromacy



Original Color
41, 9.807, 98.266

Protanomaly
41, 9.445, 92.365

Deuteranomaly
41, 9.331, 70.554

Tritanomaly
41, 3.032, 31.171

Monochromacy



Original Color
41, 9.807, 98.266

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 3.723, 96.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.807, 98.266 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(101, 97, 81)` looks like.

```
.text, #text, p{  
    color:rgb(101, 97, 81)  
}
```

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(101, 97, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 97, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.807, 98.266 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(101, 97, 81) }
```

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

```
.border{ border-color:rgb(101, 97, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 97, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 97, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 97, 81);  
box-shadow:4px 4px 4px 4px rgb(101, 97,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.807, 98.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 97, 81) }
```

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

```
.background{ background-color: rgb(101, 97,  
81) }
```

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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