

Converting Colors

CIELCh(41, 12.532, 326.760)

Have a look what the booklet for
CIELCh(41, 12.532, 326.760)
contains.

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Color

CIELCh(41, 12.698, 326.830)

Conversions

Conversions Part 1

Format	Color
Hex	6D5B6C
RGB	109, 91, 108
RGB Percent	43%, 36%, 42%
CMY	0.5718, 0.6424, 0.5757
CMYK	0.00, 0.16, 0.01, 0.57
HSL	303°, 9%, 39%
HSV	303°, 16%, 43%
XYZ	12.8047, 11.8645, 15.8564
YIQ	98.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

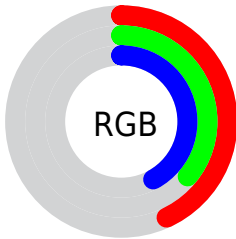
Format	Color
R_{YB}	109, 91, 108
Decimal	7166828
CIE Lab	41.00, 10.63, -6.95
CIE LCh	41, 12.698, 326.830
Yxy	11.8645, 0.3160, 0.2928
Android (android.graphics.Color)	4285356908 (0xFF6D5B6C)
YUV	98.3200, 4.7722, 9.3664
Hunter-Lab	34.4449, 6.0775, -3.1822

Details

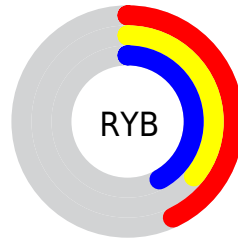
The CIELCh color $41, 12.698, 326.830$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 12.680, 144.997$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 12.732, 327.957$, and $21, 12.955, 325.675$ is the 20% darker color. If you saturate the color by 10%, you get $38, 20.423, 327.370$, and if you desaturate by 10%, it is $44, 4.972, 326.275$.

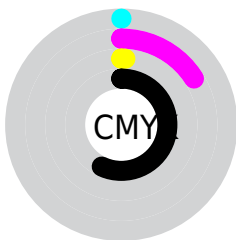
Distribution



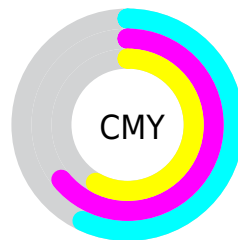
- Red (43%)
- Green (36%)
- Blue (42%)



- Red (43%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (57%)





- Cyan (57%)
- Magenta (64%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 12.698, 326.830 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, 12.698, 326.830 by changing the saturation by 10% instead.


 41, 12.698,
326.830


 41, 12.698,
326.830


 100, 12.698,
326.830


 31, 12.698,
326.830

 61, 12.698,
326.830


 21, 12.698,
326.830

 71, 12.698,
326.830


 11, 12.698,
326.830


 81, 12.698,
326.830

 1, 12.698, 326.830

 91, 12.698,
326.830

 0, 12.698, 326.830

 41, 12.698,

 41, 12.698,

326.830

326.830

■ 38, 20.423,
327.370

■ 44, 4.972, 326.275

■ 35, 28.018,
327.898

■ 47, 2.659, 145.851

■ 33, 35.297,
328.406

■ 50, 10.137,
145.291

■ 30, 42.027,
328.885

■ 54, 17.427,
144.790

■ 28, 47.936,
329.324

■ 57, 24.511,
144.315

■ 27, 52.749,
329.715

■ 60, 31.383,
143.865

■ 26, 56.243,
330.057

■ 64, 38.045,
143.439

■ 25, 58.566,
330.356

■ 67, 44.504,
143.038

■ 24, 59.360,
330.459

■ 70, 50.767,
142.660

Harmonies

Complementary

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



41, 12.698, 326.830



44, 12.680, 144.997

Rectangle

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



41, 12.698, 326.830



41, 12.698, 16.830



41, 12.698, 146.830



41, 12.698, 196.830

Sweetspot

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



41, 12.697, 326.830



57, 4.771, 326.195



39, 11.034, 293.692



29, 3.233, 326.226



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 12.697, 326.830



52, 19.213, 327.050



41, 9.038, 347.814



21, 4.243, 326.416



27, 62.444, 330.477



57, 107.187, 330.618

Inverse Universe

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



41, 12.697, 326.830



52, 19.213, 327.050



44, 8.817, 165.077



21, 4.243, 326.416



27, 62.444, 330.477



57, 107.187, 330.618

Previews

White Background



This preview shows how the CIELCh color 41, 12.698, 326.830 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, 12.698, 326.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

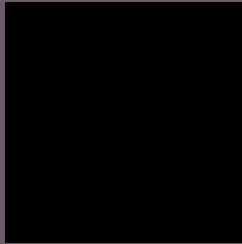
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 12.698, 326.830

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.698, 326.830.



This preview shows how white text looks on a background with the CIELCh color 41, 12.698, 326.830.

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, 12.698, 326.830

Protanopia

41, 9.126, 286.635

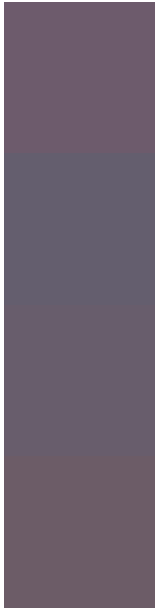
Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 7.601, 346.603

Trichromacy



Original Color

41, 12.698, 326.830

Protanomaly

41, 10.056, 305.324

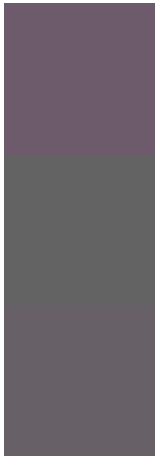
Deuteranomaly

41, 10.190, 317.324

Tritanomaly

41, 9.434, 335.751

Monochromacy



Original Color

41, 12.698, 326.830

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 4.671, 328.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.698, 326.830 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(109, 91, 108)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 108)  
}
```

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(109, 91, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.698, 326.830 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(109, 91, 108) }
```

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

```
.border{ border-color:rgb(109, 91, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 91, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 108);  
box-shadow:4px 4px 4px 4px rgb(109, 91,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.698, 326.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 108) }
```

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

```
.background{ background-color: rgb(109, 91,  
108) }
```

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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