

Converting Colors

CIELCh(41, 6.542, 303.568)

Have a look what the booklet for
CIELCh(41, 6.542, 303.568) contains.

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Color

CIELCh(41, 6.902, 304.687)

Conversions

Conversions Part 1

Format	Color
Hex	635F6A
RGB	99, 95, 106
RGB Percent	39%, 37%, 42%
CMY	0.6120, 0.6276, 0.5845
CMYK	0.07, 0.10, 0.00, 0.58
HSL	262°, 5%, 39%
HSV	262°, 10%, 42%
XYZ	11.8264, 11.8645, 15.2883
YIQ	97.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

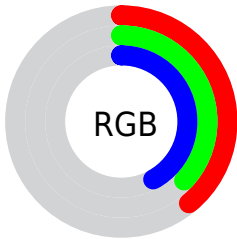
Format	Color
R_{YB}	99, 95, 106
Decimal	6512490
CIE Lab	41.00, 3.93, -5.68
CIE LCh	41, 6.902, 304.687
Yxy	11.8645, 0.3034, 0.3044
Android (android.graphics.Color)	4284702570 (0xFF635F6A)
YUV	97.4500, 4.2152, 1.3594
Hunter-Lab	34.4449, 1.0081, -2.2042

Details

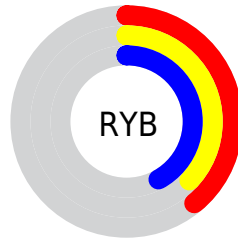
The CIELCh color $41, 6.902, 304.687$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 6.779, 123.670$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 7.052, 306.460$, and $21, 6.925, 302.697$ is the 20% darker color. If you saturate the color by 10%, you get $37, 13.760, 305.253$, and if you desaturate by 10%, it is $45, 0.254, 304.009$.

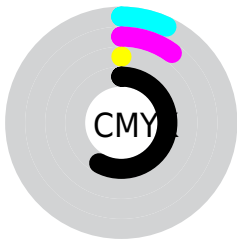
Distribution



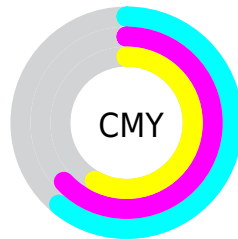
- Red (39%)
- Green (37%)
- Blue (42%)



- Red (39%)
- Yellow (37%)
- Blue (42%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 6.902, 304.687 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, 6.902, 304.687 by changing the saturation by 10% instead.

■ 41, 6.902, 304.687

■ 41, 6.902, 304.687

■ 100, 6.902,
304.687

■ 31, 6.902, 304.687

■ 61, 6.902, 304.687

■ 21, 6.902, 304.687

■ 71, 6.902, 304.687

■ 11, 6.902, 304.687

■ 81, 6.902, 304.687

■ 1, 6.902, 304.687

■ 91, 6.902, 304.687

■ 0, 6.902, 304.687

■ 41, 6.902, 304.687

■ 41, 6.902, 304.687

■ 37, 13.760,
305.253

■ 45, 0.254, 304.009

■ 34, 20.824,

■ 48, 6.181, 123.746

305.879

52, 12.410,
123.350

30, 28.066,
306.559

56, 18.444,
123.005

27, 35.422,
307.275

59, 24.291,
122.706

23, 42.774,
307.997

63, 29.962,
122.446

20, 49.903,
308.667

66, 35.468,
122.221

17, 56.453,
309.197

70, 40.818,
122.028

15, 61.917,
309.466

73, 46.022,
121.862

12, 66.857,
309.783

Harmonies

Complementary

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



41, 6.902, 304.687



44, 6.779, 123.670

Rectangle

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



41, 6.902, 304.687



41, 6.902, 354.687



41, 6.902, 124.687



41, 6.902, 174.687

Sweetspot

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



41, 6.901, 304.684



56, 2.449, 304.294



43, 3.646, 238.779



28, 1.844, 304.332



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 6.901, 304.684



52, 9.923, 304.791



41, 7.718, 320.717



20, 3.761, 304.608



14, 71.971, 309.662



35, 124.719, 309.072

Inverse Universe

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



42, 6.255, 337.651



53, 8.981, 337.796



44, 7.684, 139.826



21, 3.412, 337.546



25, 50.501, 348.685



54, 85.955, 350.360

Previews

White Background



This preview shows how the CIELCh color 41, 6.902, 304.687 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, 6.902, 304.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

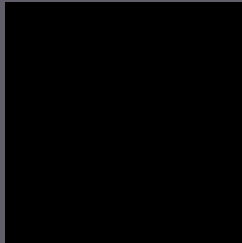
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 6.902, 304.687

Background



This preview shows how black text looks on a background with the CIELCh color 41, 6.902, 304.687.

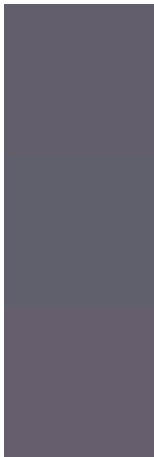


This preview shows how white text looks on a background with the CIELCh color 41, 6.902, 304.687.

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, 6.902, 304.687

Protanopia

41, 6.686, 287.772

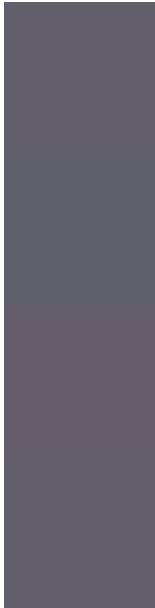
Deuteranopia

41, 8.021, 315.099



Tritanopia
41, 5.034, 304.956

Trichromacy



Original Color

41, 6.902, 304.687

Protanomaly

41, 6.681, 291.183

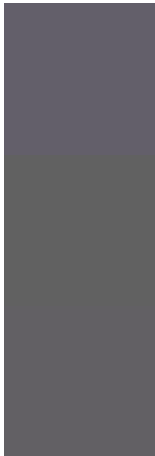
Deuteranomaly

41, 7.864, 312.365

Tritanomaly

41, 5.625, 303.494

Monochromacy



Original Color

41, 6.902, 304.687

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.579, 309.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 6.902, 304.687 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(99, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(99, 95, 106)  
}
```

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(99, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 95, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 6.902, 304.687 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(99, 95, 106) }
```

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

```
.border{ border-color:rgb(99, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(99, 95,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 6.902, 304.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 95, 106) }
```

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

```
.background{ background-color: rgb(99, 95,  
106) }
```

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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