

Converting Colors

CIELCh(41, 19.934, 351.259)

Have a look what the booklet for
CIELCh(41, 19.934, 351.259)
contains.

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Color

CIELCh(41, 19.955, 351.735)

Conversions

Conversions Part 1

Format	Color
Hex	7E5566
RGB	126, 85, 102
RGB Percent	49%, 33%, 40%
CMY	0.5063, 0.6671, 0.6004
CMYK	0.00, 0.33, 0.19, 0.51
HSL	335°, 19%, 41%
HSV	335°, 33%, 49%
XYZ	14.2205, 11.8645, 14.0830
YIQ	99.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

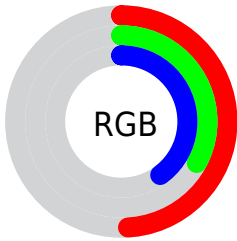
Format	Color
R_{YB}	126, 85, 102
Decimal	8279398
CIE _{Lab}	41.00, 19.75, -2.87
CIE _{LCh}	41, 19.955, 351.735
Yxy	11.8645, 0.3540, 0.2954
Android (android.graphics.Color)	4286469478 (0xFF7E5566)
YUV	99.1970, 1.3819, 23.5062
Hunter-Lab	34.4449, 13.4146, -0.1296

Details

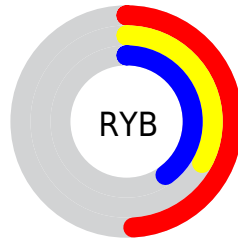
The CIELCh color $41, 19.955, 351.735$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 18.832, 165.472$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 19.910, 351.244$, and $21, 19.867, 352.354$ is the 20% darker color. If you saturate the color by 10%, you get $38, 26.147, 353.059$, and if you desaturate by 10%, it is $44, 13.708, 350.594$.

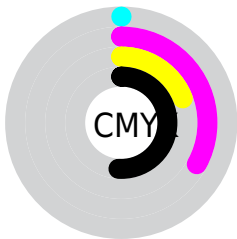
Distribution



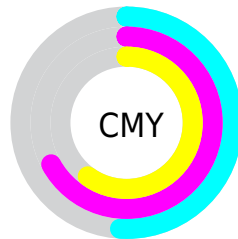
- Red (49%)
- Green (33%)
- Blue (40%)



- Red (49%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (51%)





- Cyan (51%)
- Magenta (67%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.955, 351.735 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, 19.955, 351.735 by changing the saturation by 10% instead.


 41, 19.955,
351.735


 41, 19.955,
351.735


 100, 19.955,
351.735


 31, 19.955,
351.735

 61, 19.955,
351.735


 21, 19.955,
351.735

 71, 19.955,
351.735


 11, 19.955,
351.735


 81, 19.955,
351.735

 1, 19.955, 351.735

 91, 19.955,
351.735

 0, 19.955, 351.735

 41, 19.955,

 41, 19.955,

351.735

38, 26.147,
353.059

35, 32.103,
354.624

32, 37.574,
356.519

30, 42.275,
358.863

28, 45.943, 1.804

27, 48.443, 5.496

26, 50.068, 8.429

351.735

44, 13.708,
350.594

48, 7.536, 349.581

52, 1.516, 348.531

56, 4.313, 168.012

59, 9.931, 167.248

63, 15.335,
166.575

67, 20.533,
165.962

71, 25.535,
165.397

75, 30.354,
164.874

Harmonies

Complementary

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



41, 19.955, 351.735



49, 18.832, 165.472

Rectangle

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



41, 19.955, 351.735



41, 19.955, 41.735



41, 19.955, 171.735



41, 19.955, 221.735

Sweetspot

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



41, 19.953, 351.737



62, 7.395, 349.356



40, 26.647, 313.324



32, 5.028, 349.467



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 19.953, 351.737



50, 29.628, 352.689



41, 17.091, 28.523



25, 3.401, 349.248



26, 50.532, 8.499



0, 0.000, 0.000

Inverse Universe

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



41, 19.953, 351.737



50, 29.628, 352.689



49, 13.679, 206.519



25, 3.401, 349.248



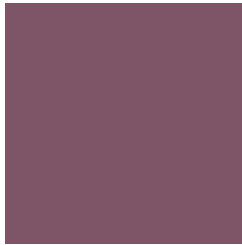
26, 50.532, 8.499



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 19.955, 351.735 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, 19.955, 351.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

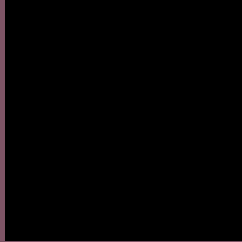
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 19.955, 351.735

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.955, 351.735.



This preview shows how white text looks on a background with the CIELCh color 41, 19.955, 351.735.

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, 19.955, 351.735

Protanopia

41, 7.897, 288.498

Deuteranopia

41, 5.881, 342.028



Tritanopia
41, 17.438, 8.130

Trichromacy



Original Color
41, 19.955, 351.735

Protanomaly
41, 10.293, 325.107

Deuteranomaly
41, 11.044, 347.840

Tritanomaly
41, 17.763, 2.395

Monochromacy



Original Color
41, 19.955, 351.735

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 7.283, 350.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.955, 351.735 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(126, 85, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 85, 102)  
}
```

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(126, 85, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 85, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.955, 351.735 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(126, 85, 102) }
```

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

```
.border{ border-color:rgb(126, 85, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 85, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 85, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 85, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 85,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.955, 351.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 85, 102) }
```

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

```
.background{ background-color: rgb(126, 85,  
102) }
```

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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