

Converting Colors

CIELCh(41, 20.610, 353.797)

Have a look what the booklet for
CIELCh(41, 20.610, 353.797)
contains.

CIELCh(41, 20.714, 353.142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 20.714, 353.142)

Conversions

Conversions Part 1

Format	Color
Hex	7F5465
RGB	127, 84, 101
RGB Percent	50%, 33%, 40%
CMY	0.5008, 0.6695, 0.6028
CMYK	0.00, 0.34, 0.20, 0.50
HSL	336°, 20%, 41%
HSV	336°, 34%, 50%
XYZ	14.3524, 11.8645, 13.9186
YIQ	98.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

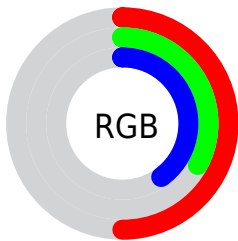
Format	Color
R_{YB}	127, 84, 101
Decimal	8344677
CIE _{Lab}	41.00, 20.57, -2.47
CIE _{LCh}	41, 20.714, 353.142
Yxy	11.8645, 0.3576, 0.2956
Android (android.graphics.Color)	4286534757 (0xFF7F5465)
YUV	98.7950, 1.0871, 24.7358
Hunter-Lab	34.4449, 14.0981, 0.1534

Details

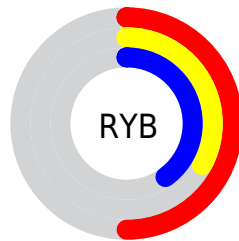
The CIELCh color $41, 20.714, 353.142$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $50, 19.399, 166.499$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 20.964, 353.078$, and $21, 20.666, 354.107$ is the 20% darker color. If you saturate the color by 10%, you get $38, 26.912, 354.531$, and if you desaturate by 10%, it is $45, 14.455, 351.954$.

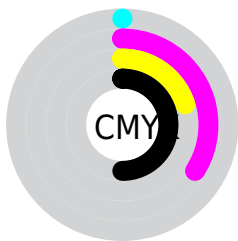
Distribution



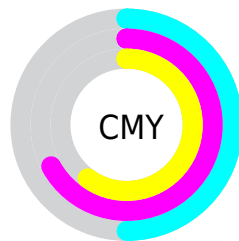
- Red (50%)
- Green (33%)
- Blue (40%)



- Red (50%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 20.714, 353.142 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, 20.714, 353.142 by changing the saturation by 10% instead.


 41, 20.714,
353.142


 41, 20.714,
353.142


 100, 20.714,
353.142


 31, 20.714,
353.142

 61, 20.714,
353.142


 21, 20.714,
353.142


 71, 20.714,
353.142

 11, 20.714,
353.142


 81, 20.714,
353.142

 1, 20.714, 353.142

 91, 20.714,
353.142

 0, 20.714, 353.142

 41, 20.714,

 41, 20.714,

353.142

353.142

38, 26.912,
354.531

45, 14.455,
351.954

35, 32.862,
356.185

48, 8.272, 350.906

32, 38.310,
358.201

52, 2.241, 349.891

56, 3.592, 169.304

30, 42.972, 0.708

60, 9.209, 168.511

28, 46.597, 3.859

63, 14.608,
167.825

27, 49.105, 7.791

67, 19.794,
167.201

26, 50.567, 10.322

71, 24.780,
166.628

75, 29.580,
166.099

Harmonies

Complementary

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



41, 20.714, 353.142



50, 19.399, 166.499

Rectangle

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



41, 20.714, 353.142



41, 20.714, 43.142



41, 20.714, 173.142



41, 20.714, 223.142

Sweetspot

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



41, 20.712, 353.144



63, 7.402, 350.556



40, 28.020, 313.922



33, 5.099, 350.672



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 20.712, 353.144



50, 31.266, 354.260



42, 17.745, 30.029



25, 3.361, 350.445



26, 50.625, 10.331



0, 0.000, 0.000

Inverse Universe

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



41, 20.712, 353.144



50, 31.266, 354.260



49, 14.051, 208.439



25, 3.361, 350.445



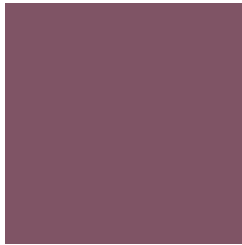
26, 50.625, 10.331



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 20.714, 353.142 looks on a white background.

Color Contrast Check

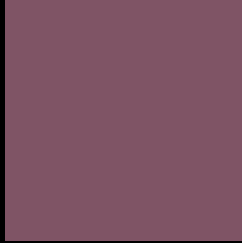
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.714, 353.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

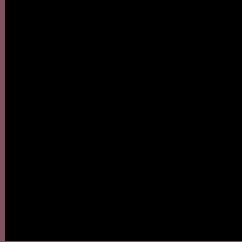
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 20.714, 353.142

Background



This preview shows how black text looks on a background with the CIELCh color 41, 20.714, 353.142.

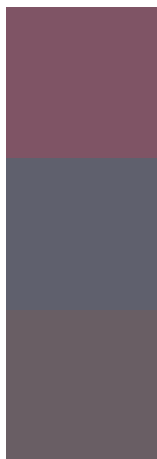


This preview shows how white text looks on a background with the CIELCh color 41, 20.714, 353.142.

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, 20.714, 353.142

Protanopia

41, 7.897, 288.498

Deuteranopia

41, 5.881, 342.028



Tritanopia
41, 17.809, 10.458

Trichromacy



Original Color
41, 20.714, 353.142

Protanomaly
41, 10.525, 327.016

Deuteranomaly
41, 11.420, 349.106

Tritanomaly
41, 18.620, 3.503

Monochromacy



Original Color
41, 20.714, 353.142

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, 20.714, 353.142 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(127, 84, 101)` looks like.

```
.text, #text, p{  
    color:rgb(127, 84, 101)  
}
```

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(127, 84, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 84, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 20.714, 353.142 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(127, 84, 101) }
```

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

```
.border{ border-color:rgb(127, 84, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 84, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 84, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 84, 101);  
box-shadow:4px 4px 4px 4px rgb(127, 84,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 20.714, 353.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 84, 101) }
```

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

```
.background{ background-color: rgb(127, 84,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor