

Converting Colors

CIELCh(41, 51.265, 351.814)

Have a look what the booklet for
CIELCh(41, 51.265, 351.814)
contains.

CIELCh(41, 51.474, 351.916)	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, 51.474, 351.916)

Conversions

Conversions Part 1

Format	Color
Hex	A6366E
RGB	166, 54, 110
RGB Percent	65%, 21%, 43%
CMY	0.3491, 0.7883, 0.5687
CMYK	0.00, 0.67, 0.34, 0.35
HSL	330°, 51%, 43%
HSV	330°, 67%, 65%
XYZ	19.8505, 11.8645, 15.9884
YIQ	93.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

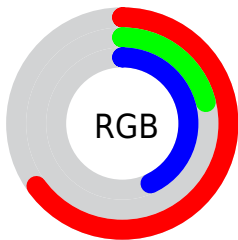
Format	Color
R_{YB}	166, 54, 110
Decimal	10892910
CIE _{Lab}	41.00, 50.96, -7.24
CIE _{LCh}	41, 51.474, 351.916
Yxy	11.8645, 0.4161, 0.2487
Android (android.graphics.Color)	4289082990 (0xFFA6366E)
YUV	93.8720, 7.9511, 63.2563
Hunter-Lab	34.4449, 42.5902, -3.4094

Details

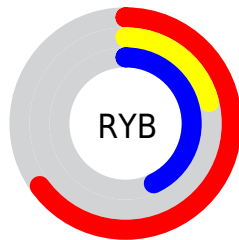
The CIELCh color $41, 51.474, 351.916$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $61, 48.956, 155.827$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 51.639, 351.515$, and $23, 46.713, 354.324$ is the 20% darker color. If you saturate the color by 10%, you get $39, 56.323, 354.215$, and if you desaturate by 10%, it is $44, 45.237, 350.064$.

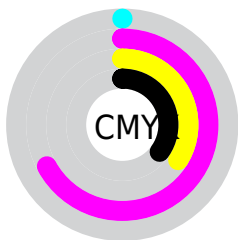
Distribution



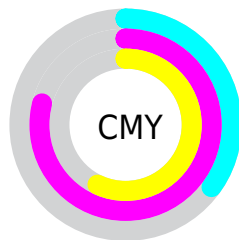
- Red (65%)
- Green (21%)
- Blue (43%)



- Red (65%)
- Yellow (21%)
- Blue (43%)



- Cyan (0%)
- Magenta (67%)
- Yellow (34%)
- Black (35%)





- Cyan (35%)
- Magenta (79%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 51.474, 351.916 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, 51.474, 351.916 by changing the saturation by 10% instead.


 41, 51.474,
351.916


 41, 51.474,
351.916


 100, 51.474,
351.916


 31, 51.474,
351.916

 61, 51.474,
351.916


 21, 51.474,
351.916

 71, 51.474,
351.916

 11, 51.474,
351.916


 81, 51.474,
351.916

 1, 51.474, 351.916

 91, 51.474,
351.916

 0, 51.474, 351.916

 41, 51.474,

 41, 51.474,

351.916

39, 56.323,
354.215

37, 59.505,
357.108

36, 61.120, 0.688

35, 61.488, 1.622

351.916

44, 45.237,
350.064

48, 38.018,
348.534

52, 30.202,
347.238

56, 22.105,
346.115

60, 13.956,
345.118

65, 5.906, 344.199

69, 1.955, 163.637

74, 9.578, 162.761

79, 16.942,

Harmonies

Complementary

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



41, 51.474, 351.916



61, 48.956, 155.827

Rectangle

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



41, 51.474, 351.916



41, 51.474, 41.916



41, 51.474, 171.916



41, 51.474, 221.916

Sweetspot

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



41, 51.471, 351.917



75, 19.897, 345.396



35, 68.876, 311.866



39, 13.713, 345.663



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 51.471, 351.917



49, 70.929, 355.585



40, 52.243, 28.206



33, 4.530, 344.365



31, 56.545, 1.180



2, 7.800, 347.580

Inverse Universe

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



41, 51.471, 351.917



49, 70.929, 355.585



62, 32.128, 194.819



33, 4.530, 344.365



31, 56.545, 1.180



2, 7.800, 347.580

Previews

White Background



This preview shows how the CIELCh color 41, 51.474, 351.916 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, 51.474, 351.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

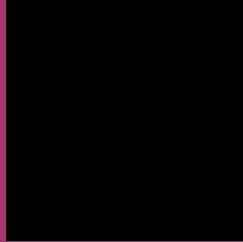
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 51.474, 351.916

Background



This preview shows how black text looks on a background with the CIELCh color 41, 51.474, 351.916.

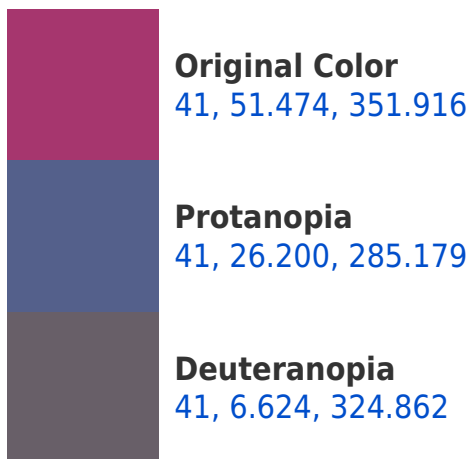


This preview shows how white text looks on a background with the CIELCh color 41, 51.474, 351.916.

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





Tritanopia
41, 45.416, 24.585

Trichromacy



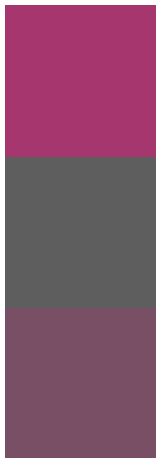
Original Color
41, 51.474, 351.916

Protanomaly
40, 31.201, 317.311

Deuteranomaly
40, 24.740, 344.094

Tritanomaly
41, 45.770, 11.751

Monochromacy



Original Color
41, 51.474, 351.916

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 21.272, 346.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 51.474, 351.916 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(166, 54, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 54, 110)  
}
```

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(166, 54, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 54, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 51.474, 351.916 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(166, 54, 110) }
```

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

```
.border{ border-color:rgb(166, 54, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 54, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 54, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 54, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 54,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 51.474, 351.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 54, 110) }
```

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

```
.background{ background-color: rgb(166, 54,  
110) }
```

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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