

Converting Colors

CIELCh(41, 55.520, 346.473)

Have a look what the booklet for
CIELCh(41, 55.520, 346.473)
contains.

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Color

CIELCh(41, 55.480, 346.538)

Conversions

Conversions Part 1

Format	Color
Hex	A73277
RGB	167, 50, 119
RGB Percent	65%, 20%, 47%
CMY	0.3445, 0.8032, 0.5328
CMYK	0.00, 0.70, 0.29, 0.34
HSL	325°, 54%, 43%
HSV	325°, 70%, 66%
XYZ	20.4574, 11.8645, 18.7105
YIQ	92.8490, 47.5830, 46.2630

Conversions

Conversions Part 2

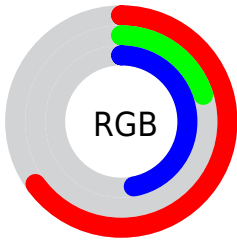
Format	Color
R_{YB}	167, 50, 119
Decimal	10957431
CIE _{Lab}	41.00, 53.96, -12.92
CIE _{LCh}	41, 55.480, 346.538
Yxy	11.8645, 0.4009, 0.2325
Android (android.graphics.Color)	4289147511 (0xFFA73277)
YUV	92.8490, 12.8924, 65.0304
Hunter-Lab	34.4449, 45.7355, -8.0950

Details

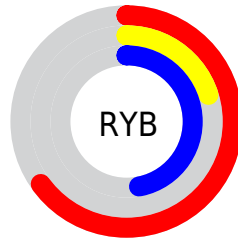
The CIELCh color $[41, 55.480, 346.538]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[61, 54.949, 151.152]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 55.563, 346.523]$, and $[23, 48.693, 348.273]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 59.899, 348.417]$, and if you desaturate by 10%, it is $[44, 49.441, 344.996]$.

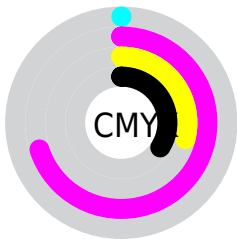
Distribution



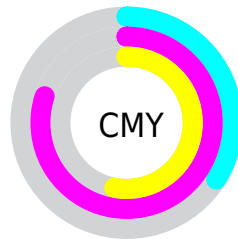
- Red (65%)
- Green (20%)
- Blue (47%)



- Red (65%)
- Yellow (20%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (29%)
- Black (34%)





- Cyan (34%)
- Magenta (80%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 55.480, 346.538 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, 55.480, 346.538 by changing the saturation by 10% instead.


 41, 55.480,
346.538


 41, 55.480,
346.538


 100, 55.480,
346.538


 31, 55.480,
346.538

 61, 55.480,
346.538


 21, 55.480,
346.538

 71, 55.480,
346.538

 11, 55.480,
346.538


 81, 55.480,
346.538

 1, 55.480, 346.538

 91, 55.480,
346.538

 0, 55.480, 346.538

 41, 55.480,

 41, 55.480,

346.538

39, 59.899,
348.417

37, 62.443,
350.748

36, 63.494,
353.535

36, 63.496,
353.539

346.538

44, 49.441,
344.996

47, 42.196,
343.696

51, 34.162,
342.570

55, 25.694,
341.573

59, 17.064,
340.672

64, 8.457, 339.836

69, 0.009, 196.464

73, 8.261, 158.470

78, 16.268,

Harmonies

Complementary

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



41, 55.480, 346.538



61, 54.949, 151.152

Rectangle

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



41, 55.480, 346.538



41, 55.480, 36.538



41, 55.480, 166.538



41, 55.480, 216.538

Sweetspot

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



41, 55.477, 346.539



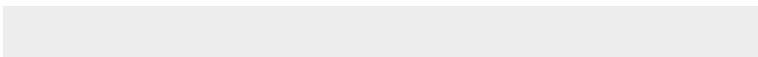
75, 22.171, 340.793



33, 71.871, 309.747



38, 15.146, 341.026



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, 55.477, 346.539



49, 74.685, 349.642



39, 52.623, 23.152



33, 4.817, 339.780



32, 58.136, 353.186



2, 8.248, 342.992

Inverse Universe

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



41, 55.477, 346.539



49, 74.685, 349.642



62, 34.802, 185.501



33, 4.817, 339.780



32, 58.136, 353.186



2, 8.248, 342.992

Previews

White Background



This preview shows how the CIELCh color 41, 55.480, 346.538 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, 55.480, 346.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

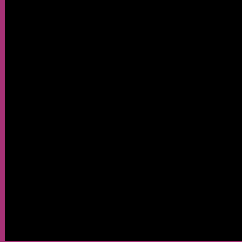
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 55.480, 346.538

Background



This preview shows how black text looks on a background with the CIELCh color 41, 55.480, 346.538.

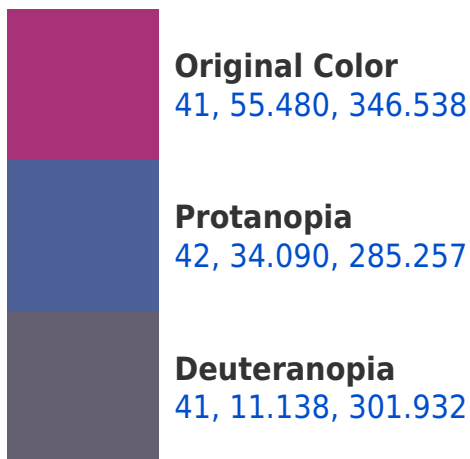


This preview shows how white text looks on a background with the CIELCh color 41, 55.480, 346.538.

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



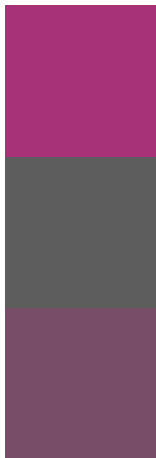
Original Color
41, 55.480, 346.538

Protanomaly
39, 38.811, 311.454

Deuteranomaly
40, 28.028, 332.781

Tritanomaly
41, 46.510, 8.646

Monochromacy



Original Color
41, 55.480, 346.538

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 23.631, 341.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 55.480, 346.538 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(167, 50, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 50, 119)  
}
```

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(167, 50, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 50, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 55.480, 346.538 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(167, 50, 119) }
```

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

```
.border{ border-color:rgb(167, 50, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 50, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 50, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 50, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 50,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 55.480, 346.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 50, 119) }
```

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

```
.background{ background-color: rgb(167, 50,  
119) }
```

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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