

Converting Colors

CIELCh(42, 54.220, 347.681)

Have a look what the booklet for
CIELCh(42, 54.220, 347.681)
contains.

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Color

CIELCh(42, 54.193, 347.745)

Conversions

Conversions Part 1

Format	Color
Hex	A93677
RGB	169, 54, 119
RGB Percent	66%, 21%, 47%
CMY	0.3356, 0.7866, 0.5319
CMYK	0.00, 0.68, 0.30, 0.34
HSL	326°, 51%, 44%
HSV	326°, 68%, 66%
XYZ	21.1435, 12.5000, 18.8683
YIQ	95.7950, 47.6750, 44.5950

Conversions

Conversions Part 2

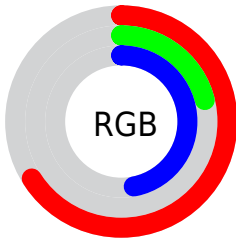
Format	Color
R_{YB}	169, 54, 119
Decimal	11089527
CIE _{Lab}	42.00, 52.96, -11.50
CIE _{LCh}	42, 54.193, 347.745
Yxy	12.5000, 0.4026, 0.2380
Android (android.graphics.Color)	4289279607 (0xFFA93677)
YUV	95.7950, 11.4401, 64.2008
Hunter-Lab	35.3553, 44.8760, -6.8928

Details

The CIELCh color $42, 54.193, 347.745$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $62, 53.019, 152.608$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 53.973, 347.798$, and $24, 49.003, 349.197$ is the 20% darker color. If you saturate the color by 10%, you get $40, 59.008, 349.690$, and if you desaturate by 10%, it is $45, 47.847, 346.154$.

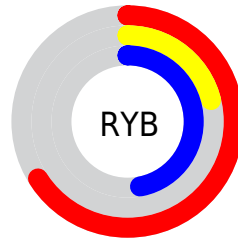
Distribution



Red (66%)

Green (21%)

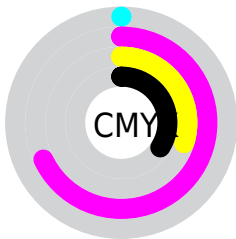
Blue (47%)



Red (66%)

Yellow (21%)

Blue (47%)

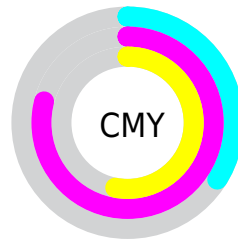


Cyan (0%)

Magenta (68%)

Yellow (30%)

Black (34%)



Cyan (34%)


Magenta (79%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 54.193, 347.745 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 42, 54.193, 347.745 by changing the saturation by 10% instead.


 42, 54.193,
347.745


 42, 54.193,
347.745


 100, 54.193,
347.745

 32, 54.193,
347.745

 62, 54.193,
347.745

 22, 54.193,
347.745

 72, 54.193,
347.745

 12, 54.193,
347.745

 82, 54.193,
347.745

 2, 54.193, 347.745

 92, 54.193,
347.745

 0, 54.193, 347.745

 42, 54.193,

 42, 54.193,

347.745

40, 59.008,
349.690

38, 61.997,
352.113

37, 63.273,
355.094

37, 63.501,
355.750

347.745

45, 47.847,
346.154

49, 40.398,
344.816

52, 32.255,
343.663

57, 23.757,
342.644

61, 15.154,
341.727

66, 6.615, 340.872

70, 1.755, 160.358

75, 9.896, 159.501

80, 17.783,

Harmonies

Complementary

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



42, 54.193, 347.745



62, 53.019, 152.608

Rectangle

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



42, 54.193, 347.745



42, 54.193, 37.745



42, 54.193, 167.745



42, 54.193, 217.745

Sweetspot

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



42, 54.190, 347.746



76, 20.953, 341.946



35, 70.507, 310.523



39, 14.296, 342.190



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



42, 54.190, 347.746



50, 73.466, 350.727



40, 52.264, 24.887



33, 4.735, 340.991



32, 57.568, 355.325



2, 8.115, 344.257

Inverse Universe

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



42, 54.190, 347.746



50, 73.466, 350.727



63, 33.745, 189.219



33, 4.735, 340.991



32, 57.568, 355.325



2, 8.115, 344.257

Previews

White Background



This preview shows how the CIELCh color 42, 54.193, 347.745 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 42, 54.193, 347.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

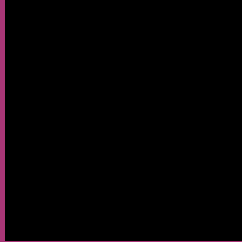
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 54.193, 347.745

Background



This preview shows how black text looks on a background with the CIELCh color 42, 54.193, 347.745.

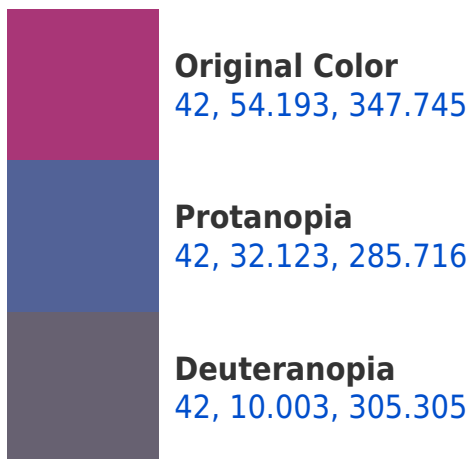


This preview shows how white text looks on a background with the CIELCh color 42, 54.193, 347.745.

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
42, 45.188, 24.315

Trichromacy



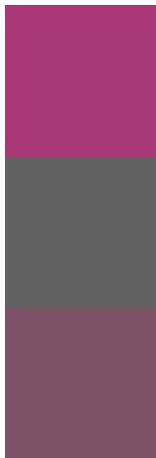
Original Color
42, 54.193, 347.745

Protanomaly
40, 36.498, 313.024

Deuteranomaly
41, 26.677, 335.363

Tritanomaly
42, 46.039, 8.821

Monochromacy



Original Color
42, 54.193, 347.745

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 22.169, 344.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 54.193, 347.745 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(169, 54, 119)` looks like.

```
.text, #text, p{  
    color:rgb(169, 54, 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(169, 54, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 54, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 54.193, 347.745 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(169, 54, 119) }
```

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

```
.border{ border-color:rgb(169, 54, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 54, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 54, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 54, 119);  
box-shadow:4px 4px 4px 4px rgb(169, 54,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 54.193, 347.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 54, 119) }
```

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

```
.background{ background-color: rgb(169, 54,  
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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