

Converting Colors

CIELCh(42, 48.202, 346.252)

Have a look what the booklet for
CIELCh(42, 48.202, 346.252)
contains.

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Color

CIELCh(42, 48.061, 346.164)

Conversions

Conversions Part 1

Format	Color
Hex	A13F77
RGB	161, 63, 119
RGB Percent	63%, 25%, 47%
CMY	0.3680, 0.7523, 0.5328
CMYK	0.00, 0.61, 0.26, 0.37
HSL	326°, 44%, 44%
HSV	326°, 61%, 63%
XYZ	19.8534, 12.5000, 18.8633
YIQ	98.6860, 40.4320, 38.1920

Conversions

Conversions Part 2

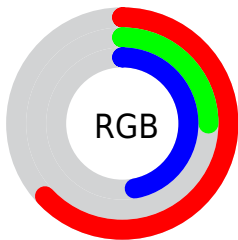
Format	Color
R _Y B	161, 63, 119
Decimal	10567543
CIE Lab	42.00, 46.67, -11.49
CIE LCh	42, 48.061, 346.164
Yxy	12.5000, 0.3876, 0.2441
Android (android.graphics.Color)	4288757623 (0xFFA13F77)
YUV	98.6860, 10.0148, 54.6494
Hunter-Lab	35.3553, 38.3626, -6.8846

Details

The CIELCh color $42, 48.061, 346.164$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $60, 46.716, 153.492$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 47.781, 346.236$, and $22, 47.984, 345.911$ is the 20% darker color. If you saturate the color by 10%, you get $39, 53.801, 347.804$, and if you desaturate by 10%, it is $45, 41.139, 344.794$.

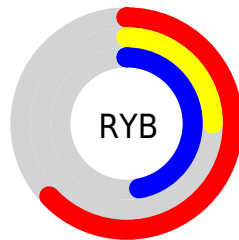
Distribution



Red (63%)

Green (25%)

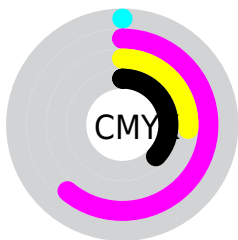
Blue (47%)



Red (63%)

Yellow (25%)

Blue (47%)

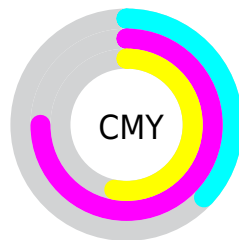


Cyan (0%)

Magenta (61%)

Yellow (26%)

Black (37%)



Cyan (37%)

Magenta (75%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 48.061, 346.164 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, 48.061, 346.164 by changing the saturation by 10% instead.

 42, 48.061,
346.164


 42, 48.061,
346.164


 100, 48.061,
346.164

 32, 48.061,
346.164

 62, 48.061,
346.164


 22, 48.061,
346.164

 72, 48.061,
346.164

 12, 48.061,
346.164

 82, 48.061,
346.164

 2, 48.061, 346.164

 92, 48.061,
346.164

 0, 48.061, 346.164

 42, 48.061,

 42, 48.061,

346.164

346.164

39, 53.801,
347.804

45, 41.139,
344.794

37, 57.983,
349.813

49, 33.447,
343.616

36, 60.366,
352.318

53, 25.328,
342.580

35, 61.386,
355.025

57, 17.047,
341.650

61, 8.784, 340.794

66, 0.658, 339.569

70, 7.265, 159.399

75, 14.949,
158.719

80, 22.383,

Harmonies

Complementary

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



42, 48.061, 346.164



60, 46.716, 153.492

Rectangle

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



42, 48.061, 346.164



42, 48.061, 36.164



42, 48.061, 166.164



42, 48.061, 216.164

Sweetspot

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



42, 48.058, 346.165



74, 18.195, 341.432



36, 60.835, 309.679



37, 12.641, 341.674



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



42, 48.058, 346.165



50, 67.329, 348.469



41, 44.392, 21.480



32, 4.636, 340.665



31, 56.994, 354.700



1, 6.882, 342.717

Inverse Universe

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



42, 48.058, 346.165



50, 67.329, 348.469



61, 30.650, 188.021



32, 4.636, 340.665



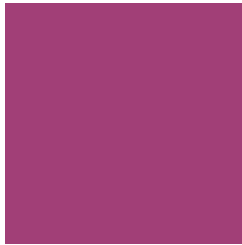
31, 56.994, 354.700



1, 6.882, 342.717

Previews

White Background



This preview shows how the CIELCh color 42, 48.061, 346.164 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, 48.061, 346.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

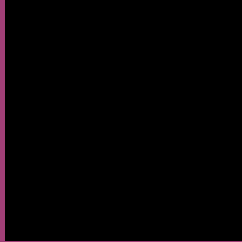
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 48.061, 346.164

Background



This preview shows how black text looks on a background with the CIELCh color 42, 48.061, 346.164.



This preview shows how white text looks on a background with the CIELCh color 42, 48.061, 346.164.

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

42, 48.061, 346.164

Protanopia

42, 27.913, 285.359

Deuteranopia

42, 10.589, 304.564



Tritanopia
42, 38.490, 21.484

Trichromacy



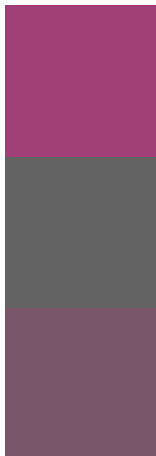
Original Color
42, 48.061, 346.164

Protanomaly
41, 32.093, 312.787

Deuteranomaly
41, 24.263, 332.653

Tritanomaly
42, 40.055, 6.410

Monochromacy



Original Color
42, 48.061, 346.164

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.116, 343.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 48.061, 346.164 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(161, 63, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 63, 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(161, 63, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 63, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 48.061, 346.164 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(161, 63, 119) }
```

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

```
.border{ border-color:rgb(161, 63, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 63, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 63, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 63, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 63,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 48.061, 346.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 63, 119) }
```

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

```
.background{ background-color: rgb(161, 63,  
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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