

Converting Colors

CIELCh(46, 65.865, 327.426)

Have a look what the booklet for
CIELCh(46, 65.865, 327.426)
contains.

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Color

CIELCh(46, 65.901, 327.444)

Conversions

Conversions Part 1

Format	Color
Hex	A942A9
RGB	169, 66, 169
RGB Percent	66%, 26%, 66%
CMY	0.3362, 0.7401, 0.3362
CMYK	0.00, 0.61, 0.00, 0.34
HSL	300°, 44%, 46%
HSV	300°, 61%, 66%
XYZ	25.5727, 15.2687, 39.2671
YIQ	108.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

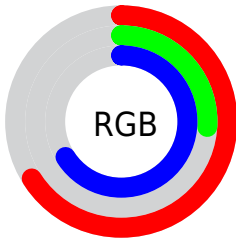
Format	Color
R _Y B	169, 66, 169
Decimal	11092649
CIE Lab	46.00, 55.55, -35.46
CIE LCh	46, 65.901, 327.444
Yxy	15.2687, 0.3192, 0.1906
Android (android.graphics.Color)	4289282729 (0xFFA942A9)
YUV	108.5390, 29.8073, 53.0243
Hunter-Lab	39.0751, 48.4378, -32.2287

Details

The CIELCh color $46, 65.901, 327.444$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $62, 66.607, 139.237$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 66.267, 327.463$, and $26, 64.644, 327.579$ is the 20% darker color. If you saturate the color by 10%, you get $44, 73.590, 327.769$, and if you desaturate by 10%, it is $49, 56.670, 327.045$.

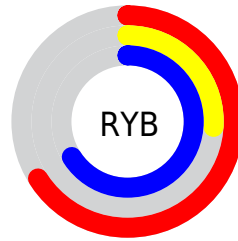
Distribution



Red (66%)

Green (26%)

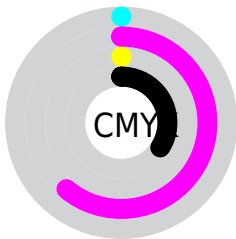
Blue (66%)



Red (66%)

Yellow (26%)

Blue (66%)

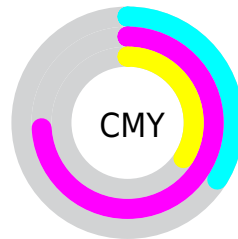


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (74%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 65.901, 327.444 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 46, 65.901, 327.444 by changing the saturation by 10% instead.

 46, 65.901,
327.444


 46, 65.901,
327.444


 100, 65.901,
327.444

 36, 65.901,
327.444

 66, 65.901,
327.444


 26, 65.901,
327.444

 76, 65.901,
327.444

 16, 65.901,
327.444

 86, 65.901,
327.444

 6, 65.901, 327.444

 96, 65.901,
327.444

 0, 65.901, 327.444

 46, 65.901,

 46, 65.901,

327.444

327.444

■ 44, 73.590,
327.769

■ 49, 56.670,
327.045

■ 42, 79.376,
328.008

■ 52, 46.334,
326.587

■ 41, 83.067,
328.158

■ 56, 35.296,
326.087

■ 40, 85.016,
328.237

■ 60, 23.897,
325.558

■ 65, 12.393,
325.011

■ 69, 0.969, 324.256

■ 74, 10.256,
143.984

■ 78, 21.207,
143.460

■ 83, 31.844,
142.964

Harmonies

Complementary

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



46, 65.901, 327.444



62, 66.607, 139.237

Rectangle

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



46, 65.901, 327.444



46, 65.901, 17.444



46, 65.901, 147.444



46, 65.901, 197.444

Sweetspot

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



46, 65.899, 327.444



78, 25.458, 325.421



34, 63.813, 299.598



40, 17.672, 325.573



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



46, 65.899, 327.444



55, 91.956, 327.861



44, 48.226, 350.664



33, 6.429, 324.923



35, 76.986, 328.237



2, 11.672, 324.443

Inverse Universe

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



46, 65.899, 327.444



55, 91.956, 327.861



62, 45.667, 156.893



33, 6.429, 324.923



35, 76.986, 328.237



2, 11.672, 324.443

Previews

White Background



This preview shows how the CIELCh color 46, 65.901, 327.444 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 CIELCh color 46, 65.901, 327.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

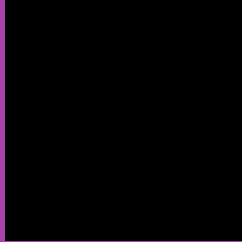
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 65.901, 327.444

Background



This preview shows how black text looks on a background with the CIELCh color 46, 65.901, 327.444.



This preview shows how white text looks on a background with the CIELCh color 46, 65.901, 327.444.

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

46, 65.901, 327.444

Protanopia

46, 59.363, 287.191

Deuteranopia

46, 31.838, 282.001



Tritanopia
46, 31.759, 17.832

Trichromacy



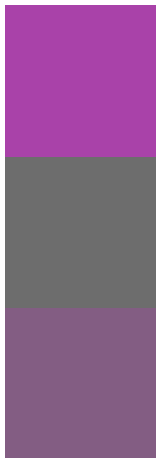
Original Color
46, 65.901, 327.444

Protanomaly
44, 60.149, 299.090

Deuteranomaly
45, 43.782, 305.982

Tritanomaly
46, 39.875, 349.393

Monochromacy



Original Color
46, 65.901, 327.444

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 26.946, 325.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 65.901, 327.444 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, 66, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 66, 169)  
}
```

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, 66, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 66, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 65.901, 327.444 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, 66, 169) }
```

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

```
.border{ border-color:rgb(169, 66, 169) }
```

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

Here you see how a box with a 4 pixel rgb(169, 66, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 66, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 66, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 66,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 65.901, 327.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 66, 169) }
```

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

```
.background{ background-color: rgb(169, 66,  
169) }
```

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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