

Converting Colors

CIELCh(54, 29.220, 331.189)

Have a look what the booklet for
CIELCh(54, 29.220, 331.189)
contains.

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Color

CIELCh(54, 29.220, 331.189)

Conversions

Conversions Part 1

Format	Color
Hex	A2729A
RGB	162, 114, 154
RGB Percent	64%, 45%, 60%
CMY	0.3655, 0.5537, 0.3969
CMYK	0.00, 0.30, 0.05, 0.37
HSL	310°, 20%, 54%
HSV	310°, 30%, 63%
XYZ	26.6670, 21.9746, 33.3168
YIQ	132.9120, 15.7680, 22.6160

Conversions

Conversions Part 2

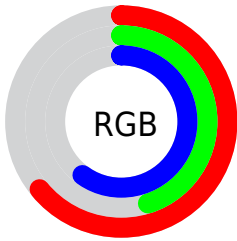
Format	Color
R _Y B	162, 114, 154
Decimal	10646170
CIE Lab	54.00, 25.60, -14.08
CIE LCh	54, 29.220, 331.189
Yxy	21.9746, 0.3254, 0.2681
Android (android.graphics.Color)	4288836250 (0xFFA2729A)
YUV	132.9120, 10.3964, 25.5102
Hunter-Lab	46.8770, 19.5088, -9.3251

Details

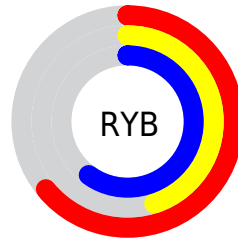
The CIELCh color $54, 29.220, 331.189$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 29.132, 147.235$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 29.223, 331.175$, and $34, 29.415, 331.418$ is the 20% darker color. If you saturate the color by 10%, you get $50, 38.811, 331.830$, and if you desaturate by 10%, it is $58, 19.367, 330.559$.

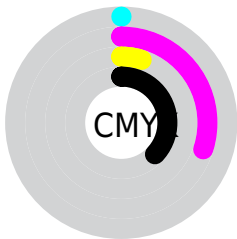
Distribution



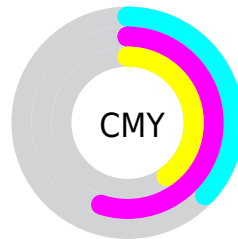
- Red (64%)
- Green (45%)
- Blue (60%)



- Red (64%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (37%)




- Cyan (37%)
- Magenta (55%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 29.220, 331.189 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 54, 29.220, 331.189 by changing the saturation by 10% instead.

 54, 29.220,
331.189

 54, 29.220,
331.189

 100, 29.220,
331.189

 44, 29.220,
331.189


 74, 29.220,
331.189

 34, 29.220,
331.189

 84, 29.220,
331.189

 24, 29.220,
331.189

 94, 29.220,
331.189

 14, 29.220,
331.189

 4, 29.220, 331.189

 0, 29.220, 331.189

54, 29.220,
331.189

54, 29.220,
331.189

50, 38.811,
331.830

58, 19.367,
330.559

47, 47.853,
332.479

62, 9.472, 329.935

67, 0.324, 150.161

44, 55.972,
333.138

71, 9.929, 148.829

41, 62.752,
333.812

76, 19.292,
148.273

39, 67.799,
334.513

80, 28.385,
147.750

38, 70.854,
335.263


85, 37.201,
147.257

37, 72.255,
336.071

89, 45.744,
146.791

37, 72.298,

336.098

 93, 51.494,
146.721

Harmonies

Complementary

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



54, 29.220, 331.189



62, 29.132, 147.235

Rectangle

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



54, 29.220, 331.189



54, 29.220, 21.189



54, 29.220, 151.189



54, 29.220, 201.189

Sweetspot

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



54, 29.218, 331.189



79, 10.872, 329.904



50, 28.269, 298.713



41, 7.546, 329.991



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 29.218, 331.189



65, 43.535, 331.637



53, 21.588, 355.695



32, 5.585, 329.911



33, 66.913, 336.015



1, 8.381, 330.860

Inverse Universe

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



54, 29.218, 331.189



65, 43.535, 331.637



63, 20.112, 169.731



32, 5.585, 329.911



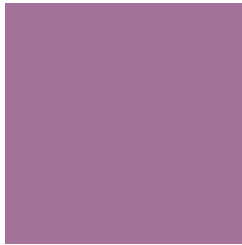
33, 66.913, 336.015



1, 8.381, 330.860

Previews

White Background



This preview shows how the CIELCh color 54, 29.220, 331.189 looks on a white background.

Color Contrast Check

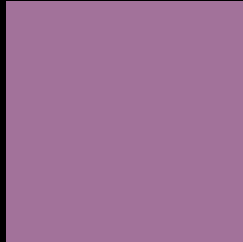
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 29.220, 331.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

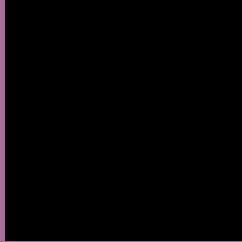
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 29.220, 331.189

Background



This preview shows how black text looks on a background with the CIELCh color 54, 29.220, 331.189.



This preview shows how white text looks on a background with the CIELCh color 54, 29.220, 331.189.

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

54, 29.220, 331.189

Protanopia

54, 20.825, 285.971

Deuteranopia

54, 14.594, 299.203



Tritanopia
54, 16.707, 3.492

Trichromacy



Original Color
54, 29.220, 331.189

Protanomaly
54, 21.979, 305.055

Deuteranomaly
54, 18.962, 315.479

Tritanomaly
54, 20.213, 347.360

Monochromacy



Original Color
54, 29.220, 331.189

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 10.921, 328.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 29.220, 331.189 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(162, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 154)  
}
```

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(162, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 29.220, 331.189 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(162, 114, 154) }
```

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

```
.border{ border-color:rgb(162, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(162, 114,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 29.220, 331.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 114, 154) }
```

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

```
.background{ background-color: rgb(162,  
114, 154) }
```

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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