

Converting Colors

CIELCh(53, 29.158, 332.619)

Have a look what the booklet for
CIELCh(53, 29.158, 332.619)
contains.

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Color

CIELCh(53, 29.126, 332.607)

Conversions

Conversions Part 1

Format	Color
Hex	A06F96
RGB	160, 111, 150
RGB Percent	63%, 44%, 59%
CMY	0.3725, 0.5647, 0.4117
CMYK	0.00, 0.31, 0.06, 0.37
HSL	312°, 21%, 53%
HSV	312°, 31%, 63%
XYZ	25.6886, 21.0462, 31.5646
YIQ	130.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

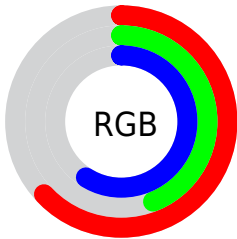
Format	Color
R_{YB}	160, 111, 150
Decimal	10514326
CIE _{Lab}	53.00, 25.86, -13.40
CIE _{LCh}	53, 29.126, 332.607
Yxy	21.0462, 0.3281, 0.2688
Android (android.graphics.Color)	4288704406 (0xFFA06F96)
YUV	130.0970, 9.8122, 26.2249
Hunter-Lab	45.8761, 19.6689, -8.6807

Details

The CIELCh color `53, 29.126, 332.607` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `62, 28.993, 148.385`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 29.129, 332.487`, and `33, 29.305, 332.994` is the 20% darker color. If you saturate the color by 10%, you get `49, 38.365, 333.291`, and if you desaturate by 10%, it is `57, 19.617, 331.944`.

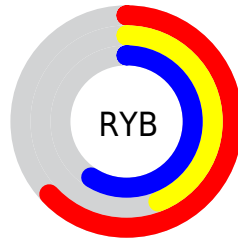
Distribution



Red (63%)

Green (44%)

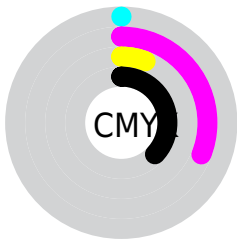
Blue (59%)



Red (63%)

Yellow (44%)

Blue (59%)

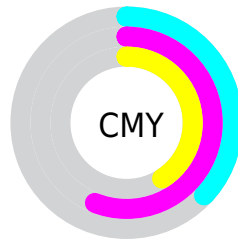


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 29.126, 332.607 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 53, 29.126, 332.607 by changing the saturation by 10% instead.


 53, 29.126,
332.607


 53, 29.126,
332.607


 100, 29.126,
332.607


 43, 29.126,
332.607


 73, 29.126,
332.607

 33, 29.126,
332.607

 83, 29.126,
332.607

 23, 29.126,
332.607

 93, 29.126,
332.607

 13, 29.126,
332.607

 3, 29.126, 332.607

 0, 29.126, 332.607

53, 29.126,
332.607

53, 29.126,
332.607

49, 38.365,
333.291

57, 19.617,
331.944

46, 47.048,
333.999

61, 10.058,
331.296

43, 54.803,
334.736

66, 0.591, 330.266

40, 61.214,
335.515

70, 8.695, 150.156

38, 65.896,
336.359

75, 17.747,
149.583

37, 68.603,
337.301

79, 26.539,
149.048

36, 69.747,
338.272

84, 35.064,
148.543

88, 43.324,
148.066

■ 93, 51.323,
147.618

Harmonies

Complementary

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



53, 29.126, 332.607



62, 28.993, 148.385

Rectangle

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



53, 29.126, 332.607



53, 29.126, 22.607



53, 29.126, 152.607



53, 29.126, 202.607

Sweetspot

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



53, 29.124, 332.607



79, 10.587, 331.202



49, 29.061, 300.486



41, 7.348, 331.291



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 29.124, 332.607



65, 43.576, 333.090



52, 21.660, 359.278



31, 5.297, 331.206



32, 64.266, 338.153



1, 6.727, 331.845

Inverse Universe

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



53, 29.124, 332.607



65, 43.576, 333.090



62, 19.819, 173.001



31, 5.297, 331.206



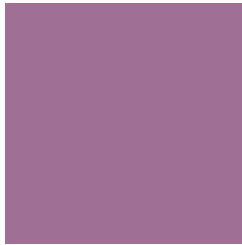
32, 64.266, 338.153



1, 6.727, 331.845

Previews

White Background



This preview shows how the CIELCh color 53, 29.126, 332.607 looks on a white background.

Color Contrast Check

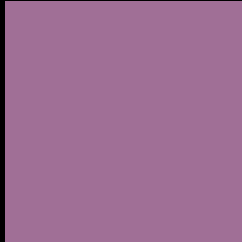
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 29.126, 332.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

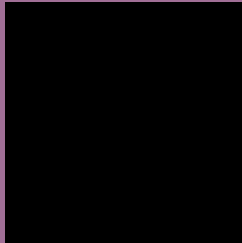
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 29.126, 332.607

Background



This preview shows how black text looks on a background with the CIELCh color 53, 29.126, 332.607.



This preview shows how white text looks on a background with the CIELCh color 53, 29.126, 332.607.

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


53, 29.126, 332.607

Protanopia

53, 19.779, 284.458

Deuteranopia

53, 14.063, 299.475



Tritanopia
53, 17.579, 4.511

Trichromacy



Original Color
53, 29.126, 332.607

Protanomaly
53, 20.840, 304.712

Deuteranomaly
53, 19.186, 316.561

Tritanomaly
53, 20.952, 348.794

Monochromacy



Original Color
53, 29.126, 332.607

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.775, 332.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 29.126, 332.607 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(160, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 150)  
}
```

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(160, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 29.126, 332.607 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(160, 111, 150) }
```

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

```
.border{ border-color:rgb(160, 111, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 29.126, 332.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 150) }
```

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

```
.background{ background-color: rgb(160,  
111, 150) }
```

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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