

Converting Colors

CIELCh(53, 30.243, 317.657)

Have a look what the booklet for
CIELCh(53, 30.243, 317.657)
contains.

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Color

CIELCh(53, 30.627, 317.897)

Conversions

Conversions Part 1

Format	Color
Hex	9572A2
RGB	149, 114, 162
RGB Percent	58%, 45%, 64%
CMY	0.4155, 0.5528, 0.3645
CMYK	0.08, 0.30, 0.00, 0.36
HSL	284°, 21%, 54%
HSV	284°, 30%, 64%
XYZ	24.9481, 21.0462, 36.9480
YIQ	129.9370, 5.4520, 22.3480

Conversions

Conversions Part 2

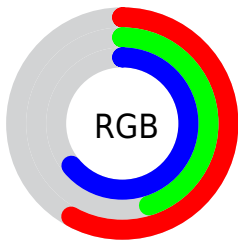
Format	Color
R_{YB}	149, 114, 162
Decimal	9794210
CIE _{Lab}	53.00, 22.72, -20.53
CIE _{LCh}	53, 30.627, 317.897
Yxy	21.0462, 0.3008, 0.2537
Android (android.graphics.Color)	4287984290 (0xFF9572A2)
YUV	129.9370, 15.8071, 16.7183
Hunter-Lab	45.8761, 16.7876, -15.6381

Details

The CIELCh color **53, 30.627, 317.897** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63, 30.045, 135.234**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 30.838, 318.154**, and **33, 30.884, 318.432** is the 20% darker color. If you saturate the color by 10%, you get **49, 41.050, 318.310**, and if you desaturate by 10%, it is **58, 20.159, 317.466**.

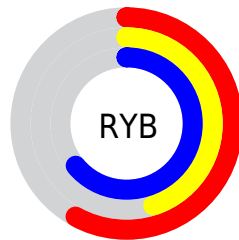
Distribution



Red (58%)

Green (45%)

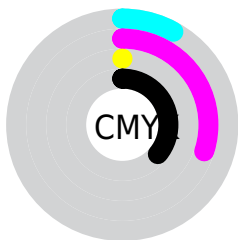
Blue (64%)



Red (58%)

Yellow (45%)

Blue (64%)

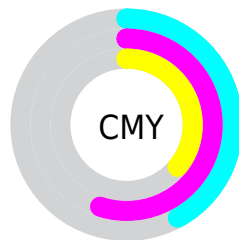


Cyan (8%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (42%)


Magenta (55%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 30.627, 317.897 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, 30.627, 317.897 by changing the saturation by 10% instead.


 53, 30.627,
317.897

 53, 30.627,
317.897


 100, 30.627,
317.897


 43, 30.627,
317.897


 73, 30.627,
317.897

 33, 30.627,
317.897

 83, 30.627,
317.897

 23, 30.627,
317.897

 93, 30.627,
317.897

 13, 30.627,
317.897

 3, 30.627, 317.897

 0, 30.627, 317.897

53, 30.627,
317.897

53, 30.627,
317.897

49, 41.050,
318.310

58, 20.159,
317.466

45, 51.210,
318.680

62, 9.797, 317.031

41, 60.782,
318.970

67, 0.372, 137.070

37, 69.337,
319.135

72, 10.299,
136.261

34, 76.377,
319.120

76, 19.958,
135.890

32, 81.436,
318.868

81, 29.340,
135.552

31, 84.697,
318.405

86, 38.447,
135.244

31, 84.818,

90, 47.286,
134.965

318.389

 94, 53.081,
134.368

Harmonies

Complementary

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



53, 30.627, 317.897



63, 30.045, 135.234

Rectangle

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



53, 30.627, 317.897



53, 30.627, 7.897



53, 30.627, 137.897



53, 30.627, 187.897

Sweetspot

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



53, 30.625, 317.897



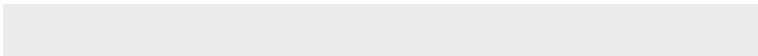
80, 11.385, 317.012



54, 20.254, 279.245



42, 7.985, 317.073



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 30.625, 317.897



64, 46.353, 318.192



54, 28.226, 333.014



32, 5.791, 317.016



27, 78.289, 318.469



1, 8.803, 314.898

Inverse Universe

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



53, 20.921, 1.230



65, 31.913, 2.267



62, 28.082, 148.904



32, 3.863, 358.814



30, 58.128, 22.497



1, 5.826, 359.856

Previews

White Background



This preview shows how the CIELCh color 53, 30.627, 317.897 looks on a white background.

Color Contrast Check

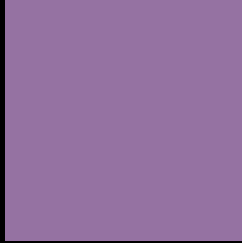
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.627, 317.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

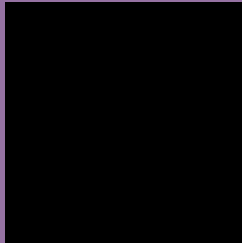
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.627, 317.897

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.627, 317.897.



This preview shows how white text looks on a background with the CIELCh color 53, 30.627, 317.897.

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, 30.627, 317.897

Protanopia

53, 26.168, 285.288

Deuteranopia

53, 20.848, 290.787



Tritanopia
53, 11.243, 349.882

Trichromacy



Original Color
53, 30.627, 317.897

Protanomaly
53, 26.808, 297.826

Deuteranomaly
53, 24.256, 303.194

Tritanomaly
53, 17.661, 329.718

Monochromacy



Original Color
53, 30.627, 317.897

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.599, 316.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.627, 317.897 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(149, 114, 162)` looks like.

```
.text, #text, p{  
    color:rgb(149, 114, 162)  
}
```

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(149, 114, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 114, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.627, 317.897 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(149, 114, 162) }
```

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

```
.border{ border-color:rgb(149, 114, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 114, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 114, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 114, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 114,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.627, 317.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 114, 162) }
```

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

```
.background{ background-color: rgb(149,  
114, 162) }
```

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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