

Converting Colors

CIELCh(53, 57.519, 315.755)

Have a look what the booklet for
CIELCh(53, 57.519, 315.755)
contains.

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Color

CIELCh(53, 57.780, 315.944)

Conversions

Conversions Part 1

Format	Color
Hex	A265C4
RGB	162, 101, 196
RGB Percent	64%, 40%, 77%
CMY	0.3638, 0.6031, 0.2305
CMYK	0.17, 0.48, 0.00, 0.23
HSL	279°, 45%, 58%
HSV	279°, 48%, 77%
XYZ	29.6066, 21.0462, 54.8576
YIQ	130.0690, 5.8610, 42.4770

Conversions

Conversions Part 2

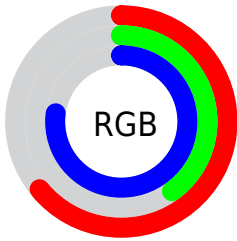
Format	Color
R_{YB}	162, 101, 196
Decimal	10642884
CIE _{Lab}	53.00, 41.52, -40.18
CIE _{LCh}	53, 57.780, 315.944
Yxy	21.0462, 0.2806, 0.1995
Android (android.graphics.Color)	4288832964 (0xFFA265C4)
YUV	130.0690, 32.5040, 28.0035
Hunter-Lab	45.8761, 34.9137, -38.7843

Details

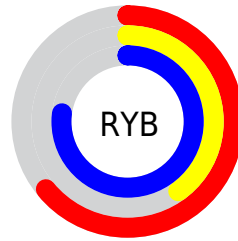
The CIELCh color $53, 57.780, 315.944$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $73, 55.236, 131.559$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 57.521, 316.048$, and $33, 57.958, 315.907$ is the 20% darker color. If you saturate the color by 10%, you get $48, 69.218, 316.281$, and if you desaturate by 10%, it is $58, 45.827, 315.535$.

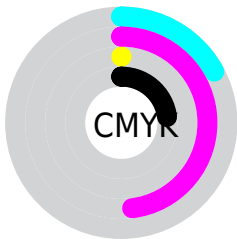
Distribution



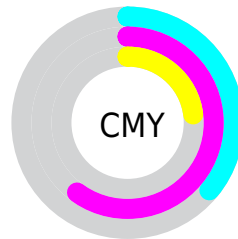
- Red (64%)
- Green (40%)
- Blue (77%)



- Red (64%)
- Yellow (40%)
- Blue (77%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)




- Cyan (36%)
- Magenta (60%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 57.780, 315.944 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, 57.780, 315.944 by changing the saturation by 10% instead.


 53, 57.780,
315.944

 53, 57.780,
315.944


 100, 57.780,
315.944


 43, 57.780,
315.944


 73, 57.780,
315.944

 33, 57.780,
315.944

 83, 57.780,
315.944

 23, 57.780,
315.944

 93, 57.780,
315.944

 13, 57.780,
315.944

 3, 57.780, 315.944

 0, 57.780, 315.944

53, 57.780,
315.944

53, 57.780,
315.944

48, 69.218,
316.281

58, 45.827,
315.535

44, 79.649,
316.489

63, 33.711,
315.093

40, 88.438,
316.499

69, 21.654,
314.646

37, 94.928,
316.231

75, 9.792, 314.205

35, 98.894,
315.654


80, 1.798, 133.903

35, 99.449,
315.560

86, 13.078,
133.447

91, 24.033,
133.096

96, 32.780,
132.200

 97, 31.757,
128.120

Harmonies

Complementary

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



53, 57.780, 315.944



73, 55.236, 131.559

Rectangle

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



53, 57.780, 315.944



53, 57.780, 5.944



53, 57.780, 135.944



53, 57.780, 185.944

Sweetspot

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



53, 57.778, 315.944



90, 21.736, 314.504



56, 35.353, 277.214



46, 14.863, 314.599



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 57.778, 315.944



62, 84.956, 316.294



57, 55.906, 331.226



38, 6.531, 314.246



28, 85.654, 315.714



2, 20.853, 310.753

Inverse Universe

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



55, 41.678, 358.148



65, 61.050, 0.323



72, 56.144, 144.193



38, 4.660, 352.888



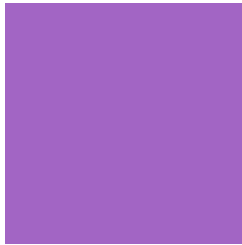
34, 60.533, 15.087



3, 14.868, 0.479

Previews

White Background



This preview shows how the CIELCh color 53, 57.780, 315.944 looks on a white background.

Color Contrast Check

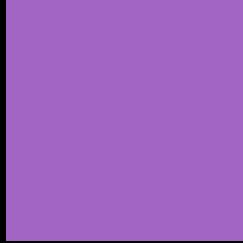
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.780, 315.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

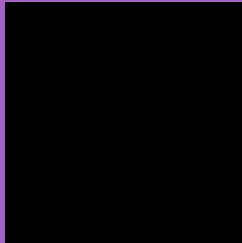
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 57.780, 315.944

Background



This preview shows how black text looks on a background with the CIELCh color 53, 57.780, 315.944.



This preview shows how white text looks on a background with the CIELCh color 53, 57.780, 315.944.

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, 57.780, 315.944

Protanopia
53, 53.878, 286.421

Deuteranopia
53, 38.073, 281.798



Tritanopia
53, 14.382, 0.074

Trichromacy



Original Color
53, 57.780, 315.944



Protanomaly
53, 53.772, 295.803



Deuteranomaly
53, 44.101, 296.953



Tritanomaly
53, 28.218, 327.912

Monochromacy



Original Color
53, 57.780, 315.944



Achromatopsia
54, 0.007, 296.813



Achromatomaly
54, 21.392, 314.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 57.780, 315.944 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, 101, 196)` looks like.

```
.text, #text, p{  
    color:rgb(162, 101, 196)  
}
```

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, 101, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 101, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 57.780, 315.944 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, 101, 196) }
```

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

```
.border{ border-color:rgb(162, 101, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 101, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 101, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 101, 196); box-shadow:4px 4px 4px 4px rgb(162, 101, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 57.780, 315.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 101, 196) }
```

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

```
.background{ background-color: rgb(162,  
101, 196) }
```

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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