

Converting Colors

CIELCh(53, 48.369, 318.938)

Have a look what the booklet for
CIELCh(53, 48.369, 318.938)
contains.

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Color

CIELCh(53, 48.254, 318.775)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A269B6 |
| RGB | 162, 105, 182 |
| RGB Percent | 64%, 41%, 71% |
| CMY | 0.3661, 0.5895, 0.2876 |
| CMYK | 0.11, 0.42, 0.00, 0.29 |
| HSL | 284°, 34%, 56% |
| HSV | 284°, 42%, 71% |
| XYZ | 28.2569, 21.0462, 46.6421 |
| YIQ | 130.8210, 9.2550, 36.0310 |

Conversions

Conversions Part 2

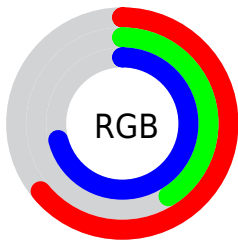
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 105, 182 |
| Decimal | 10643894 |
| CIELab | 53.00, 36.29, -31.80 |
| CIELCh | 53, 48.254, 318.775 |
| Yxy | 21.0462, 0.2945, 0.2194 |
| Android (android.graphics.Color) | 4288833974 (0xFFA269B6) |
| YUV | 130.8210, 25.2312, 27.3440 |
| Hunter-Lab | 45.8761, 29.6619, -28.1667 |

Details

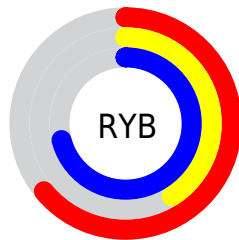
The CIELCh color **53, 48.254, 318.775** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **69, 47.042, 134.800**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 48.420, 318.867**, and **33, 48.162, 318.764** is the 20% darker color. If you saturate the color by 10%, you get **49, 59.232, 319.125**, and if you desaturate by 10%, it is **58, 36.864, 318.370**.

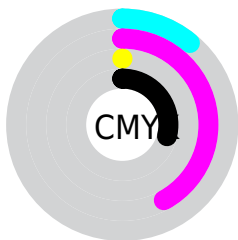
Distribution



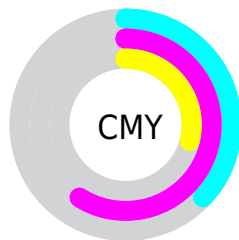
- Red (64%)
- Green (41%)
- Blue (71%)



- Red (64%)
- Yellow (41%)
- Blue (71%)



- Cyan (11%)
- Magenta (42%)
- Yellow (0%)
- Black (29%)





- Cyan (37%)
- Magenta (59%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 48.254, 318.775 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, 48.254, 318.775 by changing the saturation by 10% instead.

 53, 48.254,
318.775


 53, 48.254,
318.775

 100, 48.254,
318.775

 43, 48.254,
318.775


 73, 48.254,
318.775

 33, 48.254,
318.775

 83, 48.254,
318.775

 23, 48.254,
318.775

 93, 48.254,
318.775

 13, 48.254,
318.775

 3, 48.254, 318.775

 0, 48.254, 318.775

53, 48.254,
318.775

53, 48.254,
318.775

49, 59.232,
319.125

58, 36.864,
318.370

45, 69.400,
319.381

63, 25.352,
317.939

41, 78.247,
319.493

68, 13.906,
317.500

38, 85.215,
319.405

73, 2.645, 317.023

78, 8.361, 136.709

36, 89.859,
319.064

83, 19.078,
136.319

35, 92.159,
318.674

88, 29.490,
135.966

93, 39.594,
135.644

■ 95, 41.725,
134.152

Harmonies

Complementary

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



53, 48.254, 318.775



69, 47.042, 134.800

Rectangle

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



53, 48.254, 318.775



53, 48.254, 8.775



53, 48.254, 138.775



53, 48.254, 188.775

Sweetspot

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



53, 48.252, 318.775



86, 18.159, 317.537



53, 32.987, 282.972



45, 12.835, 317.634



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 48.252, 318.775



63, 71.671, 319.110



55, 43.398, 334.603



36, 6.404, 317.366



30, 82.142, 318.776



2, 16.879, 313.850

Inverse Universe

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



53, 33.286, 4.084



64, 49.969, 5.971



68, 43.207, 148.139



36, 4.239, 359.620



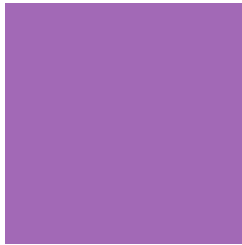
32, 61.577, 23.811



2, 11.075, 4.016

Previews

White Background



This preview shows how the CIELCh color 53, 48.254, 318.775 looks on a white background.

Color Contrast Check

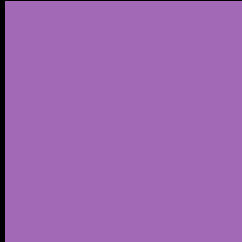
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 48.254, 318.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

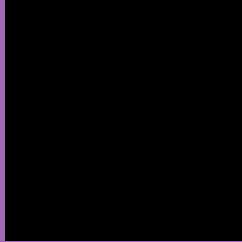
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 48.254, 318.775

Background



This preview shows how black text looks on a background with the CIELCh color 53, 48.254, 318.775.

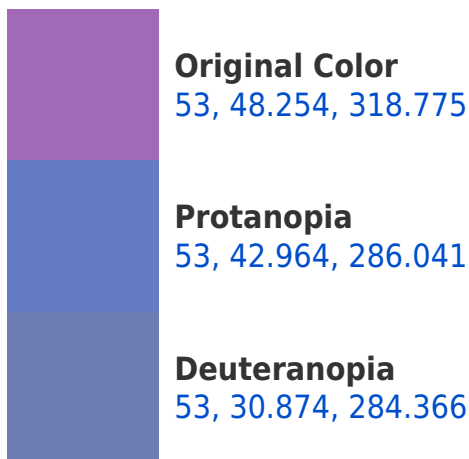


This preview shows how white text looks on a background with the CIELCh color 53, 48.254, 318.775.

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





Tritanopia
53, 15.572, 1.926

Trichromacy



Original Color
53, 48.254, 318.775

Protanomaly
53, 43.541, 297.323

Deuteranomaly
53, 35.616, 299.693

Tritanomaly
53, 25.194, 333.474

Monochromacy



Original Color
53, 48.254, 318.775

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 18.108, 318.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 48.254, 318.775 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, 105, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 105, 182)  
}
```

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, 105, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 105, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 48.254, 318.775 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, 105, 182) }
```

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

```
.border{ border-color:rgb(162, 105, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 105, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 105, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 105, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 105,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 48.254, 318.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 105, 182) }
```

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

```
.background{ background-color: rgb(162,  
105, 182) }
```

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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