

Converting Colors

CIELCh(53, 26.521, 302.448)

Have a look what the booklet for
CIELCh(53, 26.521, 302.448)
contains.

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Color

CIELCh(53, 26.521, 302.448)

Conversions

Conversions Part 1

Format	Color
Hex	8478A5
RGB	132, 120, 165
RGB Percent	52%, 47%, 65%
CMY	0.4824, 0.5295, 0.3530
CMYK	0.20, 0.27, 0.00, 0.35
HSL	256°, 20%, 56%
HSV	256°, 27%, 65%
XYZ	23.0145, 21.0462, 38.4345
YIQ	128.7180, -7.2930, 16.5390

Conversions

Conversions Part 2

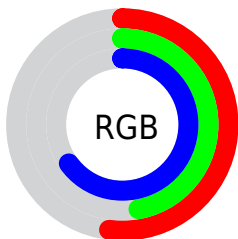
Format	Color
R_{YB}	132, 120, 165
Decimal	8681637
CIE _{Lab}	53.00, 14.23, -22.38
CIE _{LCh}	53, 26.521, 302.448
Yxy	21.0462, 0.2790, 0.2551
Android (android.graphics.Color)	4286871717 (0xFF8478A5)
YUV	128.7180, 17.8870, 2.8783
Hunter-Lab	45.8761, 9.2642, -17.5592

Details

The CIELCh color $53, 26.521, 302.448$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $66, 25.094, 118.903$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.646, 302.921$, and $33, 26.185, 302.372$ is the 20% darker color. If you saturate the color by 10%, you get $48, 36.870, 303.319$, and if you desaturate by 10%, it is $58, 16.501, 301.669$.

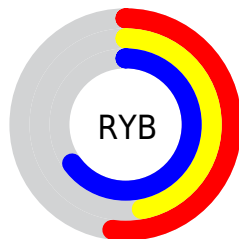
Distribution



Red (52%)

Green (47%)

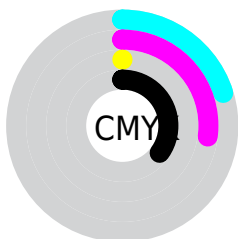
Blue (65%)



Red (52%)

Yellow (47%)

Blue (65%)

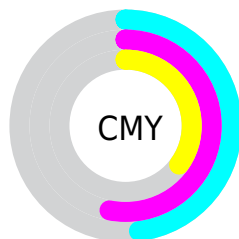


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (53%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.521, 302.448 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, 26.521, 302.448 by changing the saturation by 10% instead.

 53, 26.521,
302.448


 53, 26.521,
302.448


 100, 26.521,
302.448

 43, 26.521,
302.448


 73, 26.521,
302.448

 33, 26.521,
302.448

 83, 26.521,
302.448

 23, 26.521,
302.448

 93, 26.521,
302.448

 13, 26.521,
302.448

 3, 26.521, 302.448

 0, 26.521, 302.448

53, 26.521,
302.448

53, 26.521,
302.448

48, 36.870,
303.319

58, 16.501,
301.669

42, 47.493,
304.275

64, 6.829, 300.981

37, 58.245,
305.283

69, 2.501, 120.400

32, 68.826,
306.281

75, 11.502,
119.871

28, 78.675,
307.158

80, 20.193,
119.421

24, 86.906,
307.747

85, 28.591,
119.033


22, 92.696,
307.922

90, 36.714,
118.699

21, 94.160,

96, 44.581,
118.412

307.990

 97, 45.337,
113.705

Harmonies

Complementary

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



53, 26.521, 302.448



66, 25.094, 118.903

Rectangle

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



53, 26.521, 302.448



53, 26.521, 352.448



53, 26.521, 122.448



53, 26.521, 172.448

Sweetspot

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



53, 26.520, 302.448



80, 9.301, 301.038



61, 13.199, 227.301



41, 6.615, 301.133



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, 26.520, 302.448



64, 40.122, 302.989



55, 28.718, 318.450



32, 5.281, 301.111



18, 85.701, 308.081



1, 8.073, 299.585

Inverse Universe

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



56, 25.486, 334.812



68, 38.077, 335.285



64, 28.260, 135.980



32, 5.201, 333.539



32, 62.285, 342.151



1, 7.727, 335.173

Previews

White Background



This preview shows how the CIELCh color 53, 26.521, 302.448 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, 26.521, 302.448 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, 26.521, 302.448

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.521, 302.448.



This preview shows how white text looks on a background with the CIELCh color 53, 26.521, 302.448.

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, 26.521, 302.448

Protanopia

53, 25.601, 285.012

Deuteranopia

53, 23.184, 288.742



Tritanopia
53, 5.231, 295.074

Trichromacy



Original Color
53, 26.521, 302.448

Protanomaly
53, 26.061, 291.835

Deuteranomaly
53, 23.767, 293.893

Tritanomaly
53, 12.918, 300.071

Monochromacy



Original Color
53, 26.521, 302.448

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.401, 300.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.521, 302.448 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(132, 120, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 120, 165)  
}
```

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(132, 120, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 120, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.521, 302.448 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(132, 120, 165) }
```

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

```
.border{ border-color:rgb(132, 120, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 120, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 120, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 120, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 120,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.521, 302.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 120, 165) }
```

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

```
.background{ background-color: rgb(132,  
120, 165) }
```

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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