

Converting Colors

CIELCh(60, 53.012, 304.583)

Have a look what the booklet for
CIELCh(60, 53.012, 304.583)
contains.

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Color

CIELCh(60, 53.297, 304.568)

Conversions

Conversions Part 1

Format	Color
Hex	9C81DE
RGB	156, 129, 222
RGB Percent	61%, 51%, 87%
CMY	0.3874, 0.4934, 0.1286
CMYK	0.30, 0.42, 0.00, 0.13
HSL	257°, 59%, 69%
HSV	257°, 42%, 87%
XYZ	34.8373, 28.1233, 72.8457
YIQ	147.6750, -13.7610, 34.6470

Conversions

Conversions Part 2

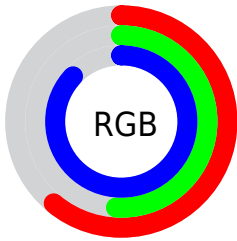
Format	Color
R _Y B	156, 129, 222
Decimal	10256862
CIE Lab	60.00, 30.24, -43.89
CIE LCh	60, 53.297, 304.568
Yxy	28.1233, 0.2565, 0.2071
Android (android.graphics.Color)	4288446942 (0xFF9C81DE)
YUV	147.6750, 36.6422, 7.3010
Hunter-Lab	53.0314, 24.4548, -44.3207

Details

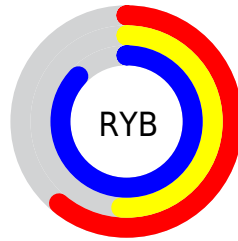
The CIELCh color $60, 53.297, 304.568$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $85, 48.689, 118.992$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 40.445, 307.497$, and $40, 53.279, 304.727$ is the 20% darker color. If you saturate the color by 10%, you get $53, 66.918, 305.514$, and if you desaturate by 10%, it is $67, 39.915, 303.683$.

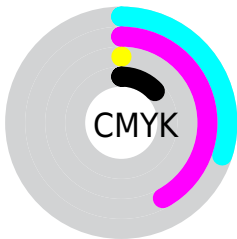
Distribution



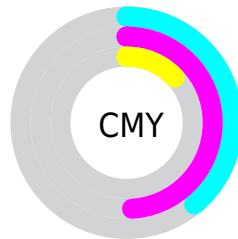
- Red (61%)
- Green (51%)
- Blue (87%)



- Red (61%)
- Yellow (51%)
- Blue (87%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)





- Cyan (39%)
- Magenta (49%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 53.297, 304.568 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 60, 53.297, 304.568 by changing the saturation by 10% instead.


 60, 53.297,
304.568


 60, 53.297,
304.568


 100, 53.297,
304.568


 50, 53.297,
304.568


 80, 53.297,
304.568

 40, 53.297,
304.568

 90, 53.297,
304.568

 30, 53.297,
304.568

 20, 53.297,
304.568

 10, 53.297,
304.568

 0, 53.297, 304.568

 60, 53.297,

 60, 53.297,

304.568

■ 53, 66.918,
305.514

■ 47, 80.480,
306.472

■ 41, 93.399,
307.348

■ 36, 104.690,
307.995

■ 33, 113.043,
308.224

■ 30, 117.387,
308.099

304.568

■ 67, 39.915,
303.683

■ 74, 26.914,
302.881

■ 80, 14.345,
302.169

■ 87, 2.219, 301.526

■ 94, 9.477, 121.010

■ 99, 16.673,
114.190

■ 99, 16.586,
108.924

Harmonies

Complementary

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



60, 53.297, 304.568



85, 48.689, 118.992

Rectangle

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



60, 53.297, 304.568



60, 53.297, 354.568



60, 53.297, 124.568



60, 53.297, 174.568

Sweetspot

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



60, 53.296, 304.568



90, 17.619, 302.252



76, 24.438, 234.007



46, 12.378, 302.406



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 53.296, 304.568



62, 72.014, 305.372



65, 56.580, 320.120



43, 6.894, 302.009



23, 98.426, 308.235



3, 32.283, 303.015

Inverse Universe

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



66, 48.605, 337.031



71, 63.977, 337.794



82, 55.473, 135.995



44, 6.654, 334.510



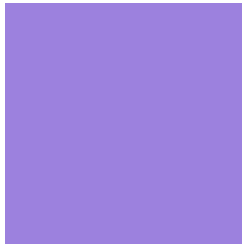
39, 70.361, 344.110



7, 29.560, 340.872

Previews

White Background



This preview shows how the CIELCh color 60, 53.297, 304.568 looks on a white background.

Color Contrast Check

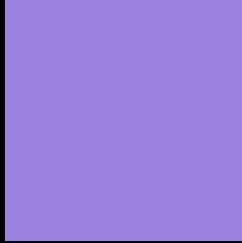
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 53.297, 304.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

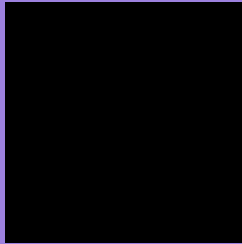
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 53.297, 304.568

Background



This preview shows how black text looks on a background with the CIELCh color 60, 53.297, 304.568.




This preview shows how white text looks on a background with the CIELCh color 60, 53.297, 304.568.

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
60, 6.222, 287.425

Trichromacy



Original Color
60, 53.297, 304.568

Protanomaly
60, 51.902, 292.275

Deuteranomaly
60, 45.745, 290.330

Tritanomaly
60, 22.936, 300.602

Monochromacy



Original Color
60, 53.297, 304.568

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 19.610, 302.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 53.297, 304.568 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(156, 129, 222)` looks like.

```
.text, #text, p{  
    color:rgb(156, 129, 222)  
}
```

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(156, 129, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 129, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 53.297, 304.568 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(156, 129, 222) }
```

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

```
.border{ border-color:rgb(156, 129, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 129, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 129, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 129, 222);  
box-shadow:4px 4px 4px 4px rgb(156, 129,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 53.297, 304.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 129, 222) }
```

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

```
.background{ background-color: rgb(156,  
129, 222) }
```

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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