

Converting Colors

CIELCh(60, 52.886, 300.316)

Have a look what the booklet for
CIELCh(60, 52.886, 300.316)
contains.

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Color

CIELCh(60, 52.787, 300.227)

Conversions

Conversions Part 1

Format	Color
Hex	9284E1
RGB	146, 132, 225
RGB Percent	57%, 52%, 88%
CMY	0.4267, 0.4817, 0.1169
CMYK	0.35, 0.41, 0.00, 0.12
HSL	249°, 61%, 70%
HSV	249°, 41%, 88%
XYZ	33.7776, 28.1233, 75.0188
YIQ	146.7880, -21.5090, 31.8910

Conversions

Conversions Part 2

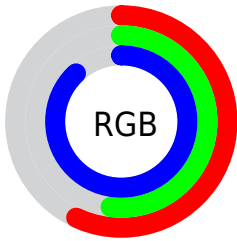
Format	Color
R_{YB}	146, 132, 225
Decimal	9602273
CIE _{Lab}	60.00, 26.57, -45.61
CIE _{LCh}	60, 52.787, 300.227
Y _{xy}	28.1233, 0.2467, 0.2054
Android (android.graphics.Color)	4287792353 (0xFF9284E1)
YUV	146.7880, 38.5585, -0.6911
Hunter-Lab	53.0314, 20.8881, -46.7502

Details

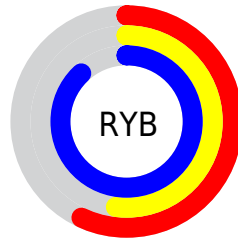
The CIELCh color `60, 52.787, 300.227` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `87, 47.637, 113.017`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 38.013, 301.717`, and `40, 52.953, 300.229` is the 20% darker color. If you saturate the color by 10%, you get `53, 66.751, 301.598`, and if you desaturate by 10%, it is `67, 39.233, 298.997`.

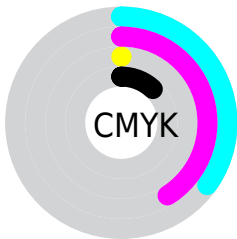
Distribution



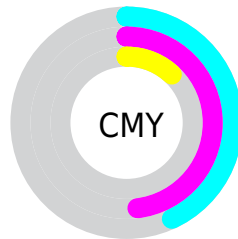
- Red (57%)
- Green (52%)
- Blue (88%)



- Red (57%)
- Yellow (52%)
- Blue (88%)



- Cyan (35%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (43%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 52.787, 300.227 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, 52.787, 300.227 by changing the saturation by 10% instead.

■ 60, 52.787,
300.227

■ 60, 52.787,
300.227

■ 100, 52.787,
300.227

■ 50, 52.787,
300.227

■ 80, 52.787,
300.227

■ 40, 52.787,
300.227

■ 90, 52.787,
300.227

■ 30, 52.787,
300.227

■ 20, 52.787,
300.227

■ 10, 52.787,
300.227

■ 0, 52.787, 300.227

■ 60, 52.787,

■ 60, 52.787,

300.227

■ 53, 66.751,
301.598

■ 46, 80.887,
303.062

■ 40, 94.631,
304.513

■ 35, 106.887,
305.763

■ 31, 116.018,
306.555

■ 29, 120.773,
306.824

300.227

■ 67, 39.233,
298.997

■ 74, 26.175,
297.918

■ 82, 13.620,
296.984

■ 89, 1.552, 296.184

■ 96, 10.057,
115.489

■ 99, 15.081,
109.038

Harmonies

Complementary

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



60, 52.787, 300.227



87, 47.637, 113.017

Rectangle

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



60, 52.787, 300.227



60, 52.787, 350.227



60, 52.787, 120.227



60, 52.787, 170.227

Sweetspot

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



60, 52.786, 300.227



91, 16.014, 297.051



80, 25.310, 215.020



47, 10.649, 297.168



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, 52.786, 300.227



61, 71.838, 301.461



64, 55.208, 315.921



43, 6.797, 296.825



21, 100.303, 306.911



2, 31.897, 299.468

Inverse Universe

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



68, 53.317, 331.421



71, 70.220, 332.001



84, 53.165, 132.142



44, 7.349, 329.403



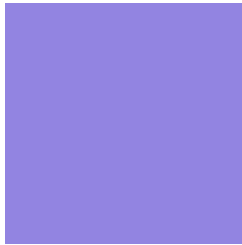
40, 77.802, 335.269



7, 32.448, 333.948

Previews

White Background



This preview shows how the CIELCh color 60, 52.787, 300.227 looks on a white background.

Color Contrast Check

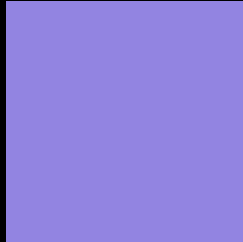
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.787, 300.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

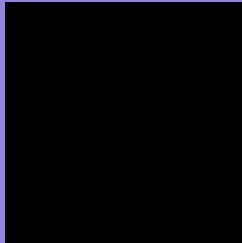
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 52.787, 300.227

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.787, 300.227.



This preview shows how white text looks on a background with the CIELCh color 60, 52.787, 300.227.

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, 8.175, 248.717

Trichromacy



Original Color
60, 52.787, 300.227

Protanomaly
60, 51.901, 291.072

Deuteranomaly
60, 47.491, 288.400

Tritanomaly
60, 22.639, 288.357

Monochromacy



Original Color
60, 52.787, 300.227

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.769, 297.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.787, 300.227 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(146, 132, 225)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 225)  
}
```

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(146, 132, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.787, 300.227 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(146, 132, 225) }
```

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

```
.border{ border-color:rgb(146, 132, 225) }
```

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

Here you see how a box with a 4 pixel rgb(146, 132, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 225);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.787, 300.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 225) }
```

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

```
.background{ background-color: rgb(146,  
132, 225) }
```

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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