

Converting Colors

CIELCh(56, 26.761, 284.410)

Have a look what the booklet for
CIELCh(56, 26.761, 284.410)
contains.

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Color

CIELCh(56, 26.529, 283.934)

Conversions

Conversions Part 1

Format	Color
Hex	7885B3
RGB	120, 133, 179
RGB Percent	47%, 52%, 70%
CMY	0.5305, 0.4795, 0.2992
CMYK	0.33, 0.26, 0.00, 0.30
HSL	227°, 28%, 59%
HSV	227°, 33%, 70%
XYZ	24.1607, 23.9124, 45.8306
YIQ	134.3570, -22.5140, 11.5500

Conversions

Conversions Part 2

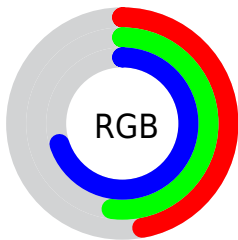
Format	Color
R_{YB}	120, 131, 179
Decimal	7898547
CIE _{Lab}	56.00, 6.39, -25.75
CIE _{LCh}	56, 26.529, 283.934
Y _{xy}	23.9124, 0.2573, 0.2546
Android (android.graphics.Color)	4286088627 (0xFF7885B3)
YUV	134.3570, 22.0090, -12.5911
Hunter-Lab	48.9003, 2.6177, -21.3379

Details

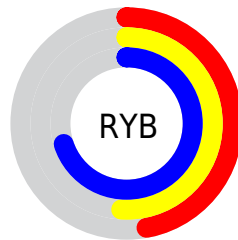
The CIELCh color `56, 26.529, 283.934` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `68, 25.668, 95.250`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 26.558, 284.168`, and `36, 26.288, 283.526` is the 20% darker color. If you saturate the color by 10%, you get `51, 35.086, 285.927`, and if you desaturate by 10%, it is `61, 18.230, 282.223`.

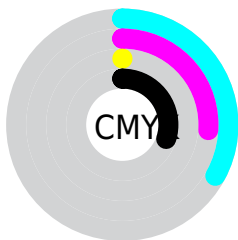
Distribution



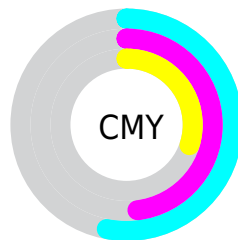
- Red (47%)
- Green (52%)
- Blue (70%)



- Red (47%)
- Yellow (51%)
- Blue (70%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)





- Cyan (53%)
- Magenta (48%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 26.529, 283.934 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 56, 26.529, 283.934 by changing the saturation by 10% instead.


 56, 26.529,
283.934


 56, 26.529,
283.934


 100, 26.529,
283.934


 46, 26.529,
283.934


 76, 26.529,
283.934

 36, 26.529,
283.934

 86, 26.529,
283.934

 26, 26.529,
283.934

 96, 26.529,
283.934

 16, 26.529,
283.934

 6, 26.529, 283.934

 0, 26.529, 283.934

56, 26.529,
283.934

56, 26.529,
283.934

51, 35.086,
285.927

61, 18.230,
282.223

46, 43.931,
288.233

66, 10.169,
280.762

41, 53.080,
290.855

71, 2.327, 279.554

36, 62.506,
293.751

76, 5.309, 98.372

32, 72.061,
296.804

81, 12.751, 97.449

28, 81.363,
299.810

86, 20.007, 96.633

26, 87.394,
301.670

91, 27.084, 95.917

96, 33.454,
100.324

98, 38.284,
107.258

Harmonies

Complementary

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



56, 26.529, 283.934



68, 25.668, 95.250

Rectangle

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



56, 26.529, 283.934



56, 26.529, 333.934



56, 26.529, 103.934



56, 26.529, 153.934

Sweetspot

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



56, 26.528, 283.933



86, 9.632, 280.389



69, 22.216, 177.589



45, 6.636, 280.570



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 26.528, 283.933



67, 40.209, 285.436



54, 34.610, 302.954



35, 4.403, 280.281



22, 77.070, 301.323



2, 11.138, 282.133

Inverse Universe

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



57, 25.046, 5.451



68, 37.983, 6.704



70, 32.299, 118.547



35, 4.074, 2.502



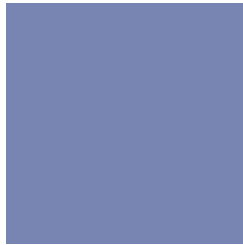
32, 62.197, 26.975



2, 9.462, 5.541

Previews

White Background



This preview shows how the CIELCh color 56, 26.529, 283.934 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 56, 26.529, 283.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

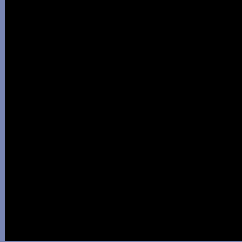
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

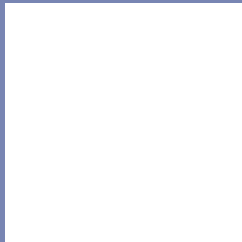
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 26.529, 283.934

Background



This preview shows how black text looks on a background with the CIELCh color 56, 26.529, 283.934.



This preview shows how white text looks on a background with the CIELCh color 56, 26.529, 283.934.

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

56, 26.529, 283.934

Protanopia

56, 26.486, 285.336

Deuteranopia

56, 27.016, 286.268



Tritanopia
56, 10.827, 234.466

Trichromacy



Original Color
56, 26.529, 283.934

Protanomaly
56, 26.486, 285.336

Deuteranomaly
56, 27.048, 285.591

Tritanomaly
56, 15.339, 263.236

Monochromacy



Original Color
56, 26.529, 283.934

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.308, 279.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 26.529, 283.934 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(120, 133, 179)` looks like.

```
.text, #text, p{  
    color:rgb(120, 133, 179)  
}
```

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(120, 133, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 133, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 26.529, 283.934 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(120, 133, 179) }
```

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

```
.border{ border-color:rgb(120, 133, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 133, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 133, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 133, 179);  
box-shadow:4px 4px 4px 4px rgb(120, 133,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 26.529, 283.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 133, 179) }
```

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

```
.background{ background-color: rgb(120,  
133, 179) }
```

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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