

Converting Colors

CIELCh(30, 56.339, 334.142)

Have a look what the booklet for
CIELCh(30, 56.339, 334.142)
contains.

CIELCh(30, 56.381, 334.053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 56.381, 334.053)

Conversions

Conversions Part 1

Format	Color
Hex	7E196E
RGB	126, 25, 110
RGB Percent	49%, 10%, 43%
CMY	0.5064, 0.9026, 0.5691
CMYK	0.00, 0.80, 0.13, 0.51
HSL	309°, 67%, 30%
HSV	309°, 80%, 49%
XYZ	11.7351, 6.2359, 15.3007
YIQ	64.8890, 32.9110, 47.8470

Conversions

Conversions Part 2

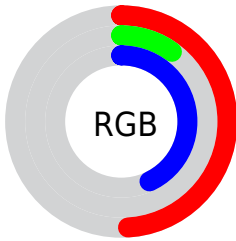
Format	Color
R_{YB}	126, 25, 110
Decimal	8264046
CIE _{Lab}	30.00, 50.70, -24.67
CIE _{LCh}	30, 56.381, 334.053
Yxy	6.2359, 0.3527, 0.1874
Android (android.graphics.Color)	4286454126 (0xFF7E196E)
YUV	64.8890, 22.2397, 53.5943
Hunter-Lab	24.9718, 40.1829, -18.8478

Details

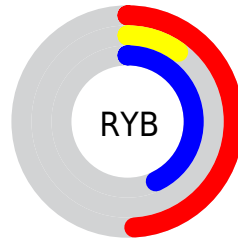
The CIELCh color **30, 56.381, 334.053** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **46, 59.081, 140.924**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 56.205, 334.185**, and **14, 42.119, 334.506** is the 20% darker color. If you saturate the color by 10%, you get **29, 59.109, 334.743**, and if you desaturate by 10%, it is **32, 52.076, 333.399**.

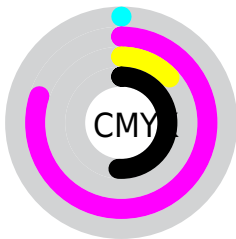
Distribution



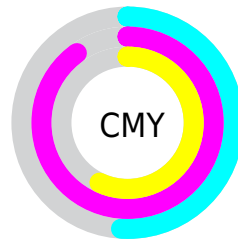
- Red (49%)
- Green (10%)
- Blue (43%)



- Red (49%)
- Yellow (10%)
- Blue (43%)



- Cyan (0%)
- Magenta (80%)
- Yellow (13%)
- Black (51%)





- Cyan (51%)
- Magenta (90%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 56.381, 334.053 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 30, 56.381, 334.053 by changing the saturation by 10% instead.


 30, 56.381,
334.053


 30, 56.381,
334.053

 100, 56.381,
334.053


 20, 56.381,
334.053


 50, 56.381,
334.053


 10, 56.381,
334.053

 60, 56.381,
334.053

 0, 56.381, 334.053

 70, 56.381,
334.053

 80, 56.381,
334.053

 90, 56.381,
334.053

■ 30, 56.381,
334.053

■ 30, 56.381,
334.053

■ 29, 59.109,
334.743

■ 32, 52.076,
333.399

■ 28, 60.761,
335.440

■ 34, 46.417,
332.762

■ 36, 39.712,
332.134

■ 39, 32.285,
331.511

■ 42, 24.425,
330.893

■ 46, 16.358,
330.283

■ 49, 8.252, 329.679

■ 53, 0.221, 328.173

Harmonies

Complementary

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



30, 56.381, 334.053



46, 59.081, 140.924

Rectangle

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



30, 56.381, 334.053



30, 56.381, 24.053



30, 56.381, 154.053



30, 56.381, 204.053

Sweetspot

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



30, 56.379, 334.053



57, 23.967, 330.544



19, 66.112, 305.220



28, 16.379, 330.724



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



30, 56.379, 334.053



37, 72.708, 335.333



28, 44.850, 6.336



25, 4.573, 329.608



28, 61.320, 335.450



0, 0.000, 0.000

Inverse Universe

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



30, 56.379, 334.053



37, 72.708, 335.333



47, 38.546, 162.725



25, 4.573, 329.608



28, 61.320, 335.450



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 30, 56.381, 334.053 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 56.381, 334.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

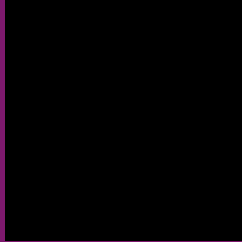
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 56.381, 334.053

Background



This preview shows how black text looks on a background with the CIELCh color 30, 56.381, 334.053.



This preview shows how white text looks on a background with the CIELCh color 30, 56.381, 334.053.

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

30, 56.381, 334.053

Protanopia

31, 49.808, 286.310

Deuteranopia

31, 20.642, 282.095



Tritanopia
30, 34.763, 23.866

Trichromacy



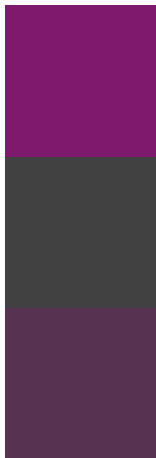
Original Color
30, 56.381, 334.053

Protanomaly
27, 51.582, 298.335

Deuteranomaly
29, 34.396, 313.517

Tritanomaly
30, 38.615, 359.296

Monochromacy



Original Color
30, 56.381, 334.053

Achromatopsia
28, 0.004, 296.813

Achromatomaly
26, 25.075, 331.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 56.381, 334.053 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(126, 25, 110)` looks like.

```
.text, #text, p{  
    color:rgb(126, 25, 110)  
}
```

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(126, 25, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 25, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 56.381, 334.053 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(126, 25, 110) }
```

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

```
.border{ border-color:rgb(126, 25, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 25, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 25, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 25, 110);  
box-shadow:4px 4px 4px 4px rgb(126, 25,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 56.381, 334.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 25, 110) }
```

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

```
.background{ background-color: rgb(126, 25,  
110) }
```

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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