

Converting Colors

CIELCh(44, 45.084, 297.208)

Have a look what the booklet for
CIELCh(44, 45.084, 297.208)
contains.

CIELCh(44, 44.886, 296.887)	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(44, 44.886, 296.887)

Conversions

Conversions Part 1

Format	Color
Hex	6260AB
RGB	98, 96, 171
RGB Percent	38%, 38%, 67%
CMY	0.6166, 0.6244, 0.3304
CMYK	0.43, 0.44, 0.00, 0.33
HSL	242°, 31%, 52%
HSV	242°, 44%, 67%
XYZ	16.4993, 13.8382, 40.2035
YIQ	105.1480, -22.8830, 23.7490

Conversions

Conversions Part 2

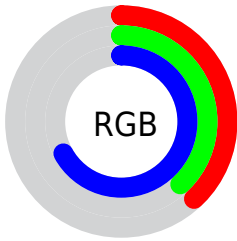
Format	Color
R_{YB}	98, 96, 171
Decimal	6447275
CIE _{Lab}	44.00, 20.30, -40.03
CIE _{LCh}	44, 44.886, 296.887
Yxy	13.8382, 0.2339, 0.1962
Android (android.graphics.Color)	4284637355 (0xFF6260AB)
YUV	105.1480, 32.4650, -6.2688
Hunter-Lab	37.1997, 14.0710, -38.0376

Details

The CIELCh color `44, 44.886, 296.887` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `68, 40.038, 107.258`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 45.296, 297.106`, and `24, 44.673, 296.944` is the 20% darker color. If you saturate the color by 10%, you get `38, 56.214, 298.743`, and if you desaturate by 10%, it is `50, 33.945, 295.247`.

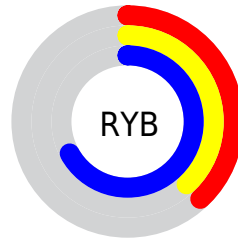
Distribution



Red (38%)

Green (38%)

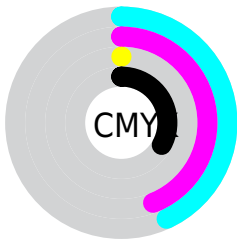
Blue (67%)



Red (38%)

Yellow (38%)

Blue (67%)

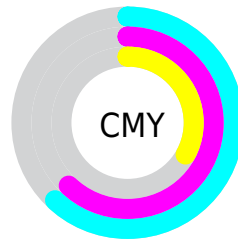


Cyan (43%)

Magenta (44%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (62%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 44.886, 296.887 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 44, 44.886, 296.887 by changing the saturation by 10% instead.

 44, 44.886,
296.887

 44, 44.886,
296.887

 100, 44.886,
296.887

 34, 44.886,
296.887

 64, 44.886,
296.887

 24, 44.886,
296.887


 74, 44.886,
296.887

 14, 44.886,
296.887

 84, 44.886,
296.887

 4, 44.886, 296.887

 94, 44.886,
296.887

 0, 44.886, 296.887

 44, 44.886,

 44, 44.886,

296.887

296.887

■ 38, 56.214,
298.743

■ 50, 33.945,
295.247

■ 33, 67.739,
300.757

■ 56, 23.440,
293.828

■ 28, 78.955,
302.783

■ 62, 13.363,
292.616

■ 24, 88.825,
304.569

■ 68, 3.687, 291.592

■ 21, 95.829,
305.798


■ 73, 5.616, 110.690

■ 79, 14.575,
109.944

■ 20, 98.940,
306.373

■ 85, 23.214,
109.302

■ 91, 31.554,
108.751

 96, 39.617,
108.275

Harmonies

Complementary

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



44, 44.886, 296.887



68, 40.038, 107.258

Rectangle

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



44, 44.886, 296.887



44, 44.886, 346.887



44, 44.886, 116.887



44, 44.886, 166.887

Sweetspot

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



44, 44.885, 296.887



79, 15.435, 292.541



65, 23.919, 199.111



41, 10.934, 292.784



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 44.885, 296.887



50, 68.389, 298.750



47, 46.070, 311.777



33, 5.326, 292.118



16, 89.001, 306.389



1, 9.562, 291.073

Inverse Universe

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



52, 49.072, 327.492



62, 71.781, 327.962



66, 43.374, 127.635



33, 6.315, 325.635



35, 75.445, 329.290



2, 11.381, 325.445

Previews

White Background



This preview shows how the CIELCh color 44, 44.886, 296.887 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 × Fail

Black Background



This preview shows how the CIE LCh color 44, 44.886, 296.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

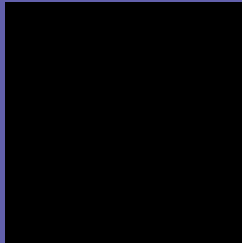
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 44.886, 296.887

Background



This preview shows how black text looks on a background with the CIELCh color 44, 44.886, 296.887.



This preview shows how white text looks on a background with the CIELCh color 44, 44.886, 296.887.

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

44, 44.886, 296.887

Protanopia

44, 45.084, 286.321

Deuteranopia

44, 39.680, 279.788



Tritanopia
44, 10.270, 230.395

Trichromacy



Original Color
44, 44.886, 296.887

Protanomaly
44, 44.922, 289.782

Deuteranomaly
44, 41.522, 286.068

Tritanomaly
44, 20.246, 278.100

Monochromacy



Original Color
44, 44.886, 296.887

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 16.196, 292.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 44.886, 296.887 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(98, 96, 171)` looks like.

```
.text, #text, p{  
    color:rgb(98, 96, 171)  
}
```

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(98, 96, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 96, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 44.886, 296.887 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(98, 96, 171) }
```

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

```
.border{ border-color:rgb(98, 96, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 96, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 96, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 96, 171);  
box-shadow:4px 4px 4px 4px rgb(98, 96,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 44.886, 296.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 96, 171) }
```

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

```
.background{ background-color: rgb(98, 96,  
171) }
```

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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