

Converting Colors

CIELCh(44, 26.972, 293.016)

Have a look what the booklet for
CIELCh(44, 26.972, 293.016)
contains.

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Color

CIELCh(44, 26.992, 293.180)

Conversions

Conversions Part 1

Format	Color
Hex	636491
RGB	99, 100, 145
RGB Percent	39%, 39%, 57%
CMY	0.6114, 0.6075, 0.4310
CMYK	0.32, 0.31, 0.00, 0.43
HSL	239°, 19%, 48%
HSV	239°, 32%, 57%
XYZ	14.8413, 13.8382, 28.7182
YIQ	104.8310, -15.0410, 13.7830

Conversions

Conversions Part 2

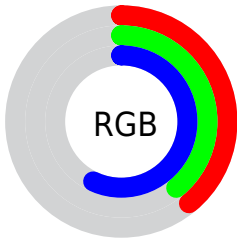
Format	Color
R_{YB}	99, 100, 145
Decimal	6513809
CIE _{Lab}	44.00, 10.62, -24.81
CIE _{LCh}	44, 26.992, 293.180
Yxy	13.8382, 0.2586, 0.2411
Android (android.graphics.Color)	4284703889 (0xFF636491)
YUV	104.8310, 19.8033, -5.1138
Hunter-Lab	37.1997, 6.1154, -19.7320

Details

The CIELCh color $44, 26.992, 293.180$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 25.115, 106.269$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 26.806, 292.985$, and $24, 26.476, 292.611$ is the 20% darker color. If you saturate the color by 10%, you get $39, 36.244, 294.851$, and if you desaturate by 10%, it is $49, 18.109, 291.743$.

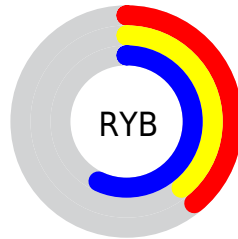
Distribution



Red (39%)

Green (39%)

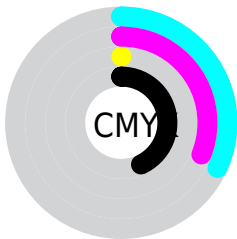
Blue (57%)



Red (39%)

Yellow (39%)

Blue (57%)

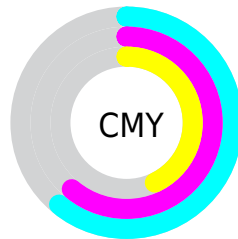


Cyan (32%)

Magenta (31%)

Yellow (0%)

Black (43%)



Cyan (61%)

Magenta (61%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.992, 293.180 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, 26.992, 293.180 by changing the saturation by 10% instead.


 44, 26.992,
293.180


 44, 26.992,
293.180


 100, 26.992,
293.180


 34, 26.992,
293.180

 64, 26.992,
293.180


 24, 26.992,
293.180

 74, 26.992,
293.180

 14, 26.992,
293.180

 84, 26.992,
293.180

 4, 26.992, 293.180

 94, 26.992,
293.180

 0, 26.992, 293.180

 44, 26.992,

 44, 26.992,

293.180

■ 39, 36.244,
294.851

■ 34, 45.858,
296.765

■ 29, 55.747,
298.888

■ 25, 65.634,
301.117

■ 21, 74.870,
303.242

■ 18, 82.327,
304.960

■ 16, 86.806,
305.938

293.180

■ 49, 18.109,
291.743

■ 54, 9.578, 290.519

■ 59, 1.374, 289.509

■ 64, 6.528, 108.567

■ 69, 14.151,
107.808

■ 74, 21.513,
107.152

■ 79, 28.632,
106.586

■ 84, 35.523,
106.095

■ 89, 42.200,

Harmonies

Complementary

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



44, 26.992, 293.180



59, 25.115, 106.269

Rectangle

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



44, 26.992, 293.180



44, 26.992, 343.180



44, 26.992, 113.180



44, 26.992, 163.180

Sweetspot

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



44, 26.991, 293.180



70, 10.112, 290.353



57, 16.406, 194.788



36, 6.893, 290.492



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 26.991, 293.180



52, 40.672, 294.339



46, 28.599, 309.470



27, 4.540, 290.240



14, 82.344, 305.908



0, 3.018, 289.306

Inverse Universe

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



47, 20.030, 20.367



57, 30.449, 21.345



58, 27.297, 126.430



28, 3.245, 18.132



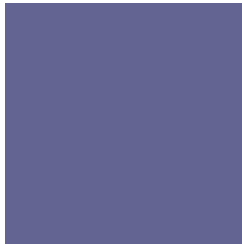
27, 63.439, 37.942



0, 2.123, 17.602

Previews

White Background



This preview shows how the CIE LCh color 44, 26.992, 293.180 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, 26.992, 293.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

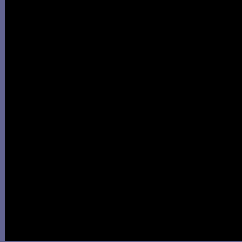
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 26.992, 293.180

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.992, 293.180.



This preview shows how white text looks on a background with the CIELCh color 44, 26.992, 293.180.

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

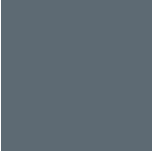
44, 26.992, 293.180

Protanopia

44, 27.111, 285.504

Deuteranopia

44, 25.359, 283.802



Tritanopia

44, 7.248, 247.284

Trichromacy



Original Color
44, 26.992, 293.180

Protanomaly
44, 27.034, 288.238

Deuteranomaly
44, 25.839, 287.010

Tritanomaly
44, 13.499, 277.789

Monochromacy



Original Color
44, 26.992, 293.180

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.193, 291.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.992, 293.180 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(99, 100, 145)` looks like.

```
.text, #text, p{  
    color:rgb(99, 100, 145)  
}
```

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(99, 100, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 100, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.992, 293.180 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(99, 100, 145) }
```

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

```
.border{ border-color:rgb(99, 100, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 100, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 100, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 100, 145);  
box-shadow:4px 4px 4px 4px rgb(99, 100,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.992, 293.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 100, 145) }
```

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

```
.background{ background-color: rgb(99, 100,  
145) }
```

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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