

Converting Colors

CIELCh(44, 10.610, 175.924)

Have a look what the booklet for
CIELCh(44, 10.610, 175.924)
contains.

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Color

CIELCh(44, 10.495, 174.579)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 556D66 |
| RGB | 85, 109, 102 |
| RGB Percent | 33%, 43%, 40% |
| CMY | 0.6665, 0.5724, 0.5999 |
| CMYK | 0.22, 0.00, 0.06, 0.57 |
| HSL | 162°, 12%, 38% |
| HSV | 162°, 22%, 43% |
| XYZ | 11.6222, 13.8382, 14.6384 |
| YIQ | 101.0260, -12.0570, -7.2650 |

Conversions

Conversions Part 2

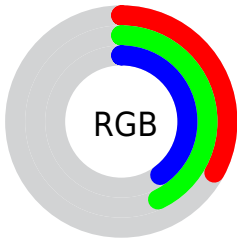
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 85, 99, 109 |
| Decimal | 5598566 |
| CIE _{Lab} | 44.00, -10.45, 0.99 |
| CIE _{LCh} | 44, 10.495, 174.579 |
| Yxy | 13.8382, 0.2898, 0.3451 |
| Android (android.graphics.Color) | 4283788646 (0xFF556D66) |
| YUV | 101.0260, 0.4802, -14.0548 |
| Hunter-Lab | 37.1997, -9.3311, 2.7088 |

Details

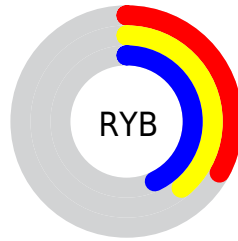
The CIELCh color **44, 10.495, 174.579** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 11.168, 358.659**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 10.765, 173.976**, and **24, 10.307, 174.803** is the 20% darker color. If you saturate the color by 10%, you get **43, 15.039, 173.558**, and if you desaturate by 10%, it is **45, 5.786, 175.538**.

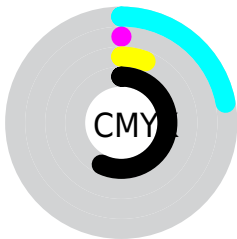
Distribution



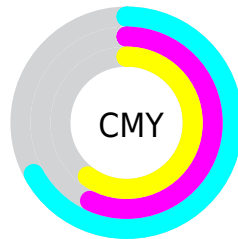
- Red (33%)
- Green (43%)
- Blue (40%)



- Red (33%)
- Yellow (39%)
- Blue (43%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (57%)





- Cyan (67%)
- Magenta (57%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 10.495, 174.579 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, 10.495, 174.579 by changing the saturation by 10% instead.


 44, 10.495,
174.579


 44, 10.495,
174.579


 100, 10.495,
174.579


 34, 10.495,
174.579

 64, 10.495,
174.579


 24, 10.495,
174.579

 74, 10.495,
174.579


 14, 10.495,
174.579


 84, 10.495,
174.579

 4, 10.495, 174.579

 94, 10.495,
174.579

 0, 10.495, 174.579

 44, 10.495,

 44, 10.495,

174.579

174.579

■ 43, 15.039,
173.558

■ 45, 5.786, 175.538

■ 43, 19.344,
172.458

■ 46, 0.973, 176.681

■ 42, 23.340,
171.258

■ 47, 3.889, 357.114

■ 41, 26.957,
169.937

■ 48, 8.756, 357.945

■ 41, 30.138,
168.473

■ 49, 13.594,
358.707

■ 41, 32.848,
166.846

■ 51, 18.375,
359.430

■ 41, 35.086,
165.046

■ 52, 23.081, 0.122

■ 40, 36.751,
163.643

■ 53, 27.699, 0.786

Harmonies

Complementary

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



44, 10.495, 174.579



39, 11.168, 358.659

Rectangle

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



44, 10.495, 174.579



44, 10.495, 224.579



44, 10.495, 354.579



44, 10.495, 44.579

Sweetspot

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



44, 10.496, 174.576



58, 4.220, 176.004



44, 16.003, 134.789



30, 2.723, 175.968



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 10.496, 174.576



56, 15.368, 174.105



43, 7.868, 220.292



22, 2.673, 175.832



43, 38.822, 163.455



86, 68.216, 162.106

Inverse Universe

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



39, 11.168, 358.659



49, 16.585, 359.218



40, 9.029, 39.164



21, 2.741, 357.266



23, 48.975, 19.344



52, 85.911, 22.961

Previews

White Background



This preview shows how the CIELCh color 44, 10.495, 174.579 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 CIELCh color 44, 10.495, 174.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

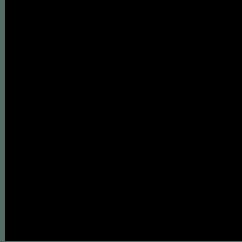
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

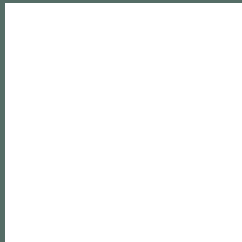
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 10.495, 174.579

Background



This preview shows how black text looks on a background with the CIELCh color 44, 10.495, 174.579.



This preview shows how white text looks on a background with the CIELCh color 44, 10.495, 174.579.

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

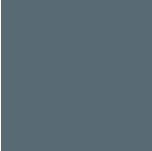
44, 10.495, 174.579

Protanopia

44, 2.912, 74.486

Deuteranopia

44, 6.331, 358.036



Tritanopia
44, 8.841, 236.530

Trichromacy



Original Color
44, 10.495, 174.579

Protanomaly
44, 3.908, 149.108

Deuteranomaly
44, 0.006, 296.813

Tritanomaly
44, 8.232, 211.204

Monochromacy



Original Color
44, 10.495, 174.579

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.120, 173.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 10.495, 174.579 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(85, 109, 102)` looks like.

```
.text, #text, p{  
    color:rgb(85, 109, 102)  
}
```

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(85, 109, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 109, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 10.495, 174.579 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(85, 109, 102) }
```

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

```
.border{ border-color:rgb(85, 109, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 109, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 109, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 109, 102);  
box-shadow:4px 4px 4px 4px rgb(85, 109,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 10.495, 174.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 109, 102) }
```

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

```
.background{ background-color: rgb(85, 109,  
102) }
```

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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