

Converting Colors

CIELCh(44, 13.924, 245.956)

Have a look what the booklet for
CIELCh(44, 13.924, 245.956)
contains.

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Color

CIELCh(44, 13.924, 245.956)

Conversions

Conversions Part 1

Format	Color
Hex	506C7D
RGB	80, 108, 125
RGB Percent	31%, 42%, 49%
CMY	0.6873, 0.5775, 0.5109
CMYK	0.36, 0.14, 0.00, 0.51
HSL	203°, 22%, 40%
HSV	203°, 36%, 49%
XYZ	12.3061, 13.8382, 21.3347
YIQ	101.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

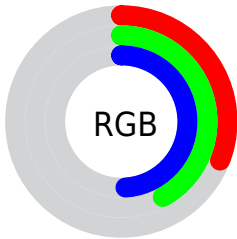
Format	Color
RYB	80, 97, 125
Decimal	5270653
CIELab	44.00, -5.67, -12.72
CIElCh	44, 13.924, 245.956
Yxy	13.8382, 0.2592, 0.2915
Android (android.graphics.Color)	4283460733 (0xFF506C7D)
YUV	101.5660, 11.5530, -18.9134
Hunter-Lab	37.1997, -6.0498, -7.9640

Details

The CIELCh color **44, 13.924, 245.956** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 16.550, 58.005**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 14.084, 247.913**, and **24, 13.807, 244.678** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.370, 247.982**, and if you desaturate by 10%, it is **46, 10.270, 244.292**.

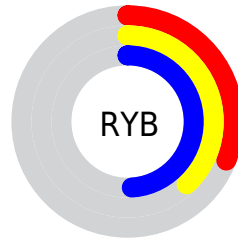
Distribution



Red (31%)

Green (42%)

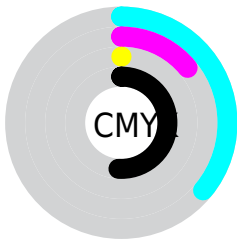
Blue (49%)



Red (31%)

Yellow (38%)

Blue (49%)

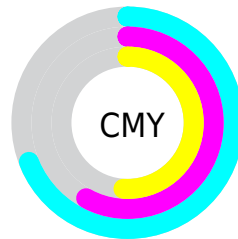


Cyan (36%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (69%)


Magenta (58%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.924, 245.956 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, 13.924, 245.956 by changing the saturation by 10% instead.


 44, 13.924,
245.956


 44, 13.924,
245.956


 100, 13.924,
245.956


 34, 13.924,
245.956

 64, 13.924,
245.956


 24, 13.924,
245.956

 74, 13.924,
245.956

 14, 13.924,
245.956


 84, 13.924,
245.956

 4, 13.924, 245.956

 94, 13.924,
245.956

 0, 13.924, 245.956

 44, 13.924,

 44, 13.924,

245.956

245.956

■ 42, 17.370,
247.982

■ 46, 10.270,
244.292

■ 40, 20.586,
250.448

■ 49, 6.442, 242.939

■ 38, 23.562,
253.420

■ 51, 2.471, 241.892

■ 53, 1.613, 60.626

■ 36, 26.311,
256.952

■ 56, 5.782, 59.995

■ 34, 28.879,
261.055

■ 58, 10.012, 59.371

■ 60, 14.282, 58.834

■ 32, 31.367,
265.581

■ 63, 18.578, 58.377

■ 32, 32.386,
267.264

■ 65, 22.885, 57.984

Harmonies

Complementary

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



44, 13.924, 245.956



43, 16.550, 58.005

Rectangle

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



44, 13.924, 245.956



44, 13.924, 295.956



44, 13.924, 65.956



44, 13.924, 115.956

Sweetspot

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



44, 13.923, 245.953



64, 5.536, 242.391



48, 24.548, 154.082



33, 3.695, 242.508



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 13.923, 245.953



55, 20.302, 247.540



37, 24.079, 288.972



25, 2.248, 242.163



32, 32.431, 267.274



63, 56.736, 270.215

Inverse Universe

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



40, 24.833, 340.428



49, 36.683, 341.190



50, 22.681, 100.325



24, 3.780, 338.204



26, 52.390, 349.979



55, 87.331, 351.613

Previews

White Background



This preview shows how the CIELCh color 44, 13.924, 245.956 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, 13.924, 245.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

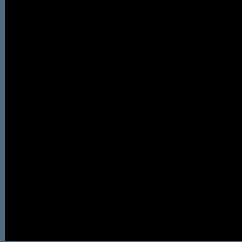
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

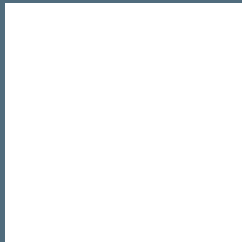
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 13.924, 245.956

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.924, 245.956.



This preview shows how white text looks on a background with the CIELCh color 44, 13.924, 245.956.

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, 13.924, 245.956

Protanopia

44, 10.831, 285.647

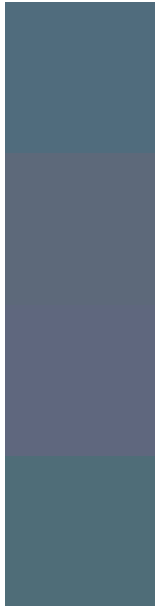
Deuteranopia

44, 15.055, 295.161



Tritanopia
44, 12.309, 224.433

Trichromacy



Original Color
44, 13.924, 245.956

Protanomaly
44, 10.999, 267.552

Deuteranomaly
44, 14.028, 279.992

Tritanomaly
44, 12.472, 230.467

Monochromacy



Original Color
44, 13.924, 245.956

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.682, 247.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.924, 245.956 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(80, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(80, 108, 125)  
}
```

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(80, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 108, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.924, 245.956 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(80, 108, 125) }
```

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

```
.border{ border-color:rgb(80, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(80, 108,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.924, 245.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 108, 125) }
```

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

```
.background{ background-color: rgb(80, 108,  
125) }
```

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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