

Converting Colors

CIELCh(44, 13.275, 203.147)

Have a look what the booklet for
CIELCh(44, 13.275, 203.147)
contains.

CIELCh(44, 13.275, 203.147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 13.275, 203.147)

Conversions

Conversions Part 1

Format	Color
Hex	4A6E70
RGB	74, 110, 112
RGB Percent	29%, 43%, 44%
CMY	0.7090, 0.5678, 0.5599
CMYK	0.34, 0.02, 0.00, 0.56
HSL	183°, 20%, 37%
HSV	183°, 34%, 44%
XYZ	11.3770, 13.8382, 17.4646
YIQ	99.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

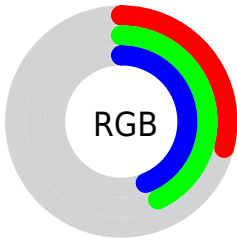
Format	Color
RYB	74, 92, 112
Decimal	4877936
CIELab	44.00, -12.21, -5.22
CIELCh	44, 13.275, 203.147
Yxy	13.8382, 0.2666, 0.3242
Android (android.graphics.Color)	4283068016 (0xFF4A6E70)
YUV	99.4640, 6.1802, -22.3319
Hunter-Lab	37.1997, -10.5081, -1.7957

Details

The CIELCh color **44, 13.275, 203.147** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 16.664, 26.110**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 13.491, 203.044**, and **24, 13.249, 203.048** is the 20% darker color. If you saturate the color by 10%, you get **43, 16.476, 203.038**, and if you desaturate by 10%, it is **45, 9.696, 203.342**.

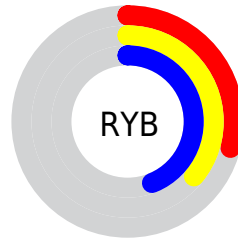
Distribution



Red (29%)

Green (43%)

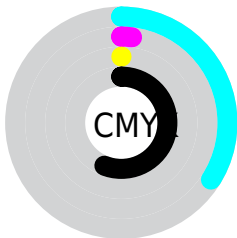
Blue (44%)



Red (29%)

Yellow (36%)

Blue (44%)

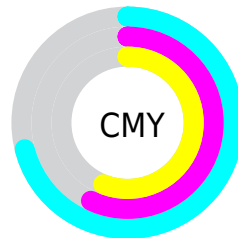


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (56%)



Cyan (71%)


Magenta (57%)

Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.275, 203.147 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, 13.275, 203.147 by changing the saturation by 10% instead.


 44, 13.275,
203.147


 44, 13.275,
203.147


 100, 13.275,
203.147


 34, 13.275,
203.147

 64, 13.275,
203.147


 24, 13.275,
203.147

 74, 13.275,
203.147

 14, 13.275,
203.147


 84, 13.275,
203.147

 4, 13.275, 203.147

 94, 13.275,
203.147

 0, 13.275, 203.147

 44, 13.275,

 44, 13.275,

203.147

■ 43, 16.476,
203.038

■ 43, 19.239,
203.037

■ 42, 21.513,
203.158

■ 41, 23.266,
203.414

■ 41, 24.486,
203.820

■ 41, 25.214,
204.379

■ 40, 25.590,
204.737

203.147

■ 45, 9.696, 203.342

■ 46, 5.803, 203.629

■ 47, 1.657, 204.108

■ 48, 2.684, 24.122

■ 49, 7.170, 24.614

■ 51, 11.758, 25.067

■ 52, 16.413, 25.530

■ 53, 21.104, 26.001

■ 55, 25.811, 26.476

Harmonies

Complementary

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



44, 13.275, 203.147



36, 16.664, 26.110

Rectangle

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



44, 13.275, 203.147



44, 13.275, 253.147



44, 13.275, 23.147



44, 13.275, 73.147

Sweetspot

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



44, 13.275, 203.143



59, 5.223, 203.760



44, 26.744, 143.491



31, 3.581, 203.718



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 13.275, 203.143



56, 19.195, 203.049



38, 14.050, 265.848



23, 2.383, 203.812



43, 26.808, 204.801



85, 45.630, 205.320

Inverse Universe

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



37, 26.692, 327.677



45, 39.669, 328.100



41, 14.947, 76.471



22, 4.422, 326.335



27, 63.549, 330.355



58, 108.287, 330.483

Previews

White Background



This preview shows how the CIELCh color 44, 13.275, 203.147 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, 13.275, 203.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

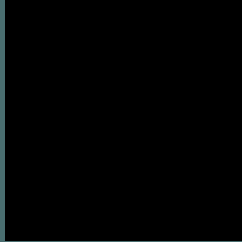
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 13.275, 203.147

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.275, 203.147.



This preview shows how white text looks on a background with the CIELCh color 44, 13.275, 203.147.

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, 13.275, 203.147

Protanopia

44, 3.036, 298.291

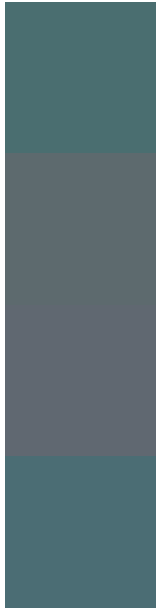
Deuteranopia

44, 8.475, 313.435



Tritanopia
44, 12.889, 223.120

Trichromacy



Original Color
44, 13.275, 203.147

Protanomaly
44, 5.583, 224.430

Deuteranomaly
44, 6.172, 260.539

Tritanomaly
44, 12.888, 217.258

Monochromacy



Original Color
44, 13.275, 203.147

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.200, 198.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.275, 203.147 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(74, 110, 112)` looks like.

```
.text, #text, p{  
    color:rgb(74, 110, 112)  
}
```

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(74, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 110, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.275, 203.147 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(74, 110, 112) }
```

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

```
.border{ border-color:rgb(74, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(74, 110,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.275, 203.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 110, 112) }
```

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

```
.background{ background-color: rgb(74, 110,  
112) }
```

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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