

Converting Colors

CIELCh(44, 13.588, 202.993)

Have a look what the booklet for
CIELCh(44, 13.588, 202.993)
contains.

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Color

CIELCh(44, 13.594, 202.989)

Conversions

Conversions Part 1

Format	Color
Hex	496E70
RGB	73, 110, 112
RGB Percent	29%, 43%, 44%
CMY	0.7123, 0.5672, 0.5594
CMYK	0.35, 0.02, 0.00, 0.56
HSL	183°, 21%, 36%
HSV	183°, 35%, 44%
XYZ	11.3344, 13.8382, 17.5084
YIQ	99.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

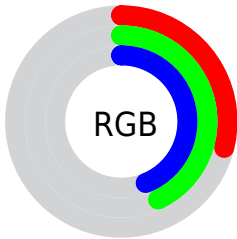
Format	Color
R_{YB}	73, 92, 112
Decimal	4812400
CIE _{Lab}	44.00, -12.51, -5.31
CIE _{LCh}	44, 13.594, 202.989
Yxy	13.8382, 0.2656, 0.3242
Android (android.graphics.Color)	4283002480 (0xFF496E70)
YUV	99.1650, 6.3277, -22.9467
Hunter-Lab	37.1997, -10.7125, -1.8656

Details

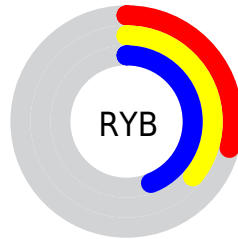
The CIELCh color **44, 13.594, 202.989** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 17.174, 26.088**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 13.815, 202.904**, and **24, 13.507, 202.896** is the 20% darker color. If you saturate the color by 10%, you get **43, 16.768, 202.880**, and if you desaturate by 10%, it is **45, 10.037, 203.183**.

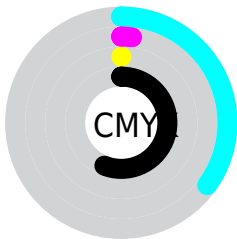
Distribution



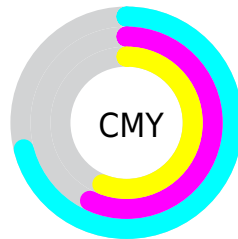
- Red (29%)
- Green (43%)
- Blue (44%)



- Red (29%)
- Yellow (36%)
- Blue (44%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (57%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.594, 202.989 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, 13.594, 202.989 by changing the saturation by 10% instead.

 44, 13.594,
202.989


 44, 13.594,
202.989


 100, 13.594,
202.989


 34, 13.594,
202.989

 64, 13.594,
202.989


 24, 13.594,
202.989

 74, 13.594,
202.989

 14, 13.594,
202.989


 84, 13.594,
202.989

 4, 13.594, 202.989

 94, 13.594,
202.989

 0, 13.594, 202.989

 44, 13.594,

 44, 13.594,

202.989

■ 43, 16.768,
202.880

■ 43, 19.497,
202.881

■ 42, 21.734,
203.001

■ 41, 23.445,
203.256

■ 41, 24.624,
203.660

■ 41, 25.327,
204.209

■ 41, 25.652,
204.506

202.989

■ 45, 10.037,
203.183

■ 46, 6.159, 203.468

■ 47, 2.022, 203.911

■ 48, 2.315, 23.944

■ 49, 6.800, 24.456

■ 50, 11.392, 24.914

■ 52, 16.052, 25.379

■ 53, 20.752, 25.853

■ 55, 25.467, 26.332

Harmonies

Complementary

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



44, 13.594, 202.989



36, 17.174, 26.088

Rectangle

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



44, 13.594, 202.989



44, 13.594, 252.989



44, 13.594, 22.989



44, 13.594, 72.989

Sweetspot

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



44, 13.594, 202.985



59, 5.230, 203.630



44, 27.432, 143.416



31, 3.586, 203.587



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, 13.594, 202.985



55, 19.598, 202.891



38, 14.415, 266.018



23, 2.386, 203.682



43, 26.850, 204.567



85, 45.704, 205.071

Inverse Universe

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



37, 27.401, 327.681



45, 40.623, 328.110



41, 15.361, 76.363



22, 4.426, 326.296



27, 63.615, 330.297



58, 108.405, 330.422

Previews

White Background



This preview shows how the CIELCh color 44, 13.594, 202.989 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, 13.594, 202.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

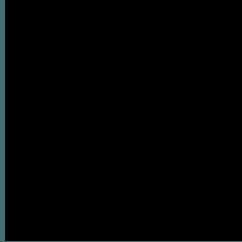
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

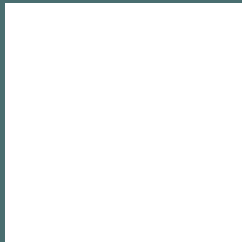
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 13.594, 202.989

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.594, 202.989.



This preview shows how white text looks on a background with the CIELCh color 44, 13.594, 202.989.

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, 13.594, 202.989

Protanopia

44, 3.036, 298.291

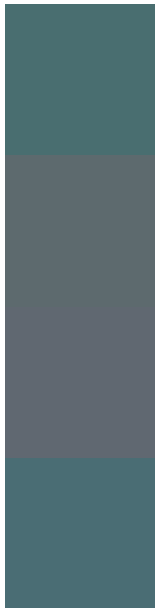
Deuteranopia

44, 8.475, 313.435



Tritanopia
44, 13.178, 222.513

Trichromacy



Original Color
44, 13.594, 202.989

Protanomaly
44, 5.583, 224.430

Deuteranomaly
44, 6.172, 260.539

Tritanomaly
44, 13.188, 216.777

Monochromacy



Original Color
44, 13.594, 202.989

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.586, 198.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.594, 202.989 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(73, 110, 112)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 110, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.594, 202.989 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(73, 110, 112) }
```

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

```
.border{ border-color:rgb(73, 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(73, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(73, 110,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.594, 202.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 110, 112) }
```

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

```
.background{ background-color: rgb(73, 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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