

Converting Colors

CIELCh(44, 5.586, 190.674)

Have a look what the booklet for
CIELCh(44, 5.586, 190.674) contains.

CIELCh(44, 5.629, 192.663)	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, 5.629, 192.663)

Conversions

Conversions Part 1

Format	Color
Hex	5D6B6A
RGB	93, 107, 106
RGB Percent	36%, 42%, 42%
CMY	0.6359, 0.5810, 0.5849
CMYK	0.13, 0.00, 0.01, 0.58
HSL	176°, 7%, 39%
HSV	176°, 13%, 42%
XYZ	12.3325, 13.8382, 15.6131
YIQ	102.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

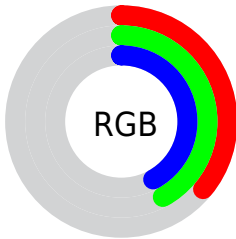
Format	Color
R _{YB}	93, 100, 107
Decimal	6122346
CIE Lab	44.00, -5.49, -1.23
CIE LCh	44, 5.629, 192.663
Yxy	13.8382, 0.2952, 0.3312
Android (android.graphics.Color)	4284312426 (0xFF5D6B6A)
YUV	102.7000, 1.6269, -8.5069
Hunter-Lab	37.1997, -5.9229, 1.1552

Details

The CIELCh color **44, 5.629, 192.663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 6.026, 14.425**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 5.653, 193.300**, and **24, 5.686, 191.714** is the 20% darker color. If you saturate the color by 10%, you get **43, 9.691, 191.957**, and if you desaturate by 10%, it is **45, 1.357, 193.519**.

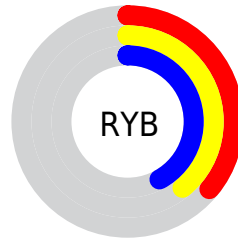
Distribution



Red (36%)

Green (42%)

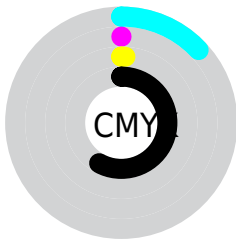
Blue (42%)



Red (36%)

Yellow (39%)

Blue (42%)

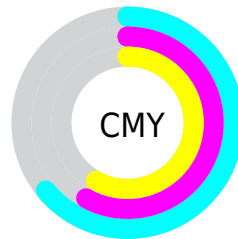


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.629, 192.663 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, 5.629, 192.663 by changing the saturation by 10% instead.

■ 44, 5.629, 192.663

■ 44, 5.629, 192.663

■ 100, 5.629,
192.663

■ 34, 5.629, 192.663

■ 64, 5.629, 192.663

■ 24, 5.629, 192.663

■ 74, 5.629, 192.663

■ 14, 5.629, 192.663

■ 84, 5.629, 192.663

■ 4, 5.629, 192.663

■ 94, 5.629, 192.663

■ 0, 5.629, 192.663

■ 44, 5.629, 192.663

■ 44, 5.629, 192.663

■ 43, 9.691, 191.957

■ 45, 1.357, 193.519

■ 43, 13.478,
191.278

■ 46, 3.069, 13.830

42, 16.926,
190.604

47, 7.599, 14.572

41, 19.973,
189.928

48, 12.192, 15.262

49, 16.812, 15.938

41, 22.565,
189.243

50, 21.433, 16.605

41, 24.663,
188.538

52, 26.034, 17.261

53, 30.600, 17.906

40, 26.252,
187.803

55, 35.120, 18.537

40, 27.361,
187.026

40, 28.042,
186.500

Harmonies

Complementary

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



44, 5.629, 192.663



41, 6.026, 14.425

Rectangle

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



44, 5.629, 192.663



44, 5.629, 242.663



44, 5.629, 12.663



44, 5.629, 62.663

Sweetspot

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



44, 5.630, 192.654



57, 2.153, 193.389



44, 9.989, 141.530



29, 1.517, 193.326



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 5.630, 192.654



56, 8.405, 192.418



42, 4.729, 247.423



22, 2.440, 192.959



44, 29.989, 186.403



87, 51.821, 185.853

Inverse Universe

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



41, 6.026, 14.425



51, 9.163, 14.733



42, 4.957, 64.535



21, 2.555, 14.054



23, 55.112, 34.704



51, 98.511, 37.835

Previews

White Background



This preview shows how the CIELCh color 44, 5.629, 192.663 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, 5.629, 192.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

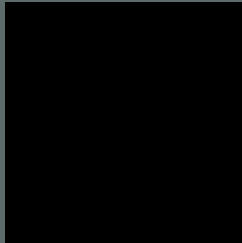
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

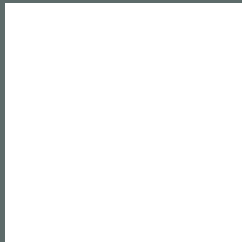
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 5.629, 192.663

Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.629, 192.663.



This preview shows how white text looks on a background with the CIELCh color 44, 5.629, 192.663.

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

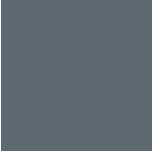
44, 5.629, 192.663

Protanopia

44, 1.385, 353.722

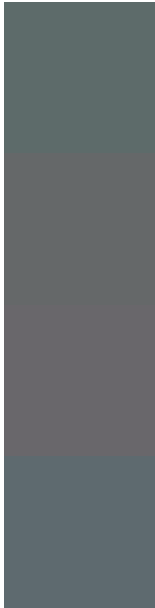
Deuteranopia

44, 5.810, 341.980



Tritanopia
44, 6.583, 245.931

Trichromacy



Original Color

44, 5.629, 192.663

Protanomaly

44, 1.354, 225.829

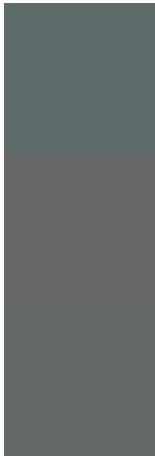
Deuteranomaly

44, 2.548, 309.192

Tritanomaly

44, 5.512, 232.011

Monochromacy



Original Color

44, 5.629, 192.663

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.036, 199.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.629, 192.663 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(93, 107, 106)` looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 106)  
}
```

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(93, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.629, 192.663 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(93, 107, 106) }
```

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

```
.border{ border-color:rgb(93, 107, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 107, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.629, 192.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 106) }
```

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

```
.background{ background-color: rgb(93, 107,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor