

Converting Colors

CIELCh(44, 1.446, 200.038)

Have a look what the booklet for
CIELCh(44, 1.446, 200.038) contains.

CIELCh(44, 1.629, 199.419)	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, 1.629, 199.419)

Conversions

Conversions Part 1

Format	Color
Hex	656969
RGB	101, 105, 105
RGB Percent	40%, 41%, 41%
CMY	0.6046, 0.5889, 0.5890
CMYK	0.04, 0.00, 0.00, 0.59
HSL	180°, 2%, 40%
HSV	180°, 4%, 41%
XYZ	12.9198, 13.8382, 15.3054
YIQ	103.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

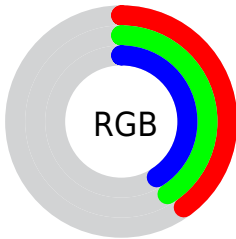
Format	Color
R _Y B	101, 103, 105
Decimal	6646121
CIE Lab	44.00, -1.54, -0.54
CIE LCh	44, 1.629, 199.419
Yxy	13.8382, 0.3072, 0.3290
Android (android.graphics.Color)	4284836201 (0xFF656969)
YUV	103.8040, 0.5896, -2.4591
Hunter-Lab	37.1997, -3.1050, 1.6457

Details

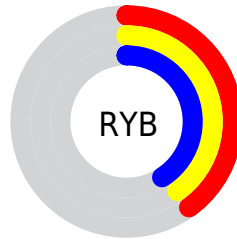
The CIELCh color **44, 1.629, 199.419** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 1.667, 19.378**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 1.520, 199.568**, and **24, 1.792, 199.208** is the 20% darker color. If you saturate the color by 10%, you get **43, 5.765, 198.728**, and if you desaturate by 10%, it is **45, 2.693, 19.572**.

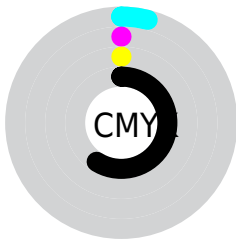
Distribution



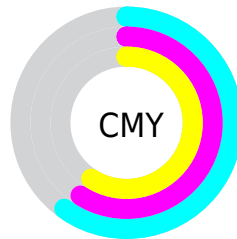
- Red (40%)
- Green (41%)
- Blue (41%)



- Red (40%)
- Yellow (40%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)





















- Cyan (60%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 1.629, 199.419 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, 1.629, 199.419 by changing the saturation by 10% instead.

 44, 1.629, 199.419	 44, 1.629, 199.419
 100, 1.629, 199.419	 34, 1.629, 199.419
 64, 1.629, 199.419	 24, 1.629, 199.419
 74, 1.629, 199.419	 14, 1.629, 199.419
 84, 1.629, 199.419	 4, 1.629, 199.419
 94, 1.629, 199.419	 0, 1.629, 199.419
 44, 1.629, 199.419	 44, 1.629, 199.419
 43, 5.765, 198.728	 45, 2.693, 19.572
 42, 9.656, 198.238	 46, 7.152, 20.207

■ 42, 13.241,
197.806

■ 47, 11.703, 20.797

■ 41, 16.459,
197.427

■ 48, 16.310, 21.388

■ 49, 20.944, 21.982

■ 41, 19.255,
197.103

■ 51, 25.580, 22.575

■ 40, 21.581,
196.837

■ 52, 30.201, 23.165

■ 53, 34.794, 23.749

■ 40, 23.409,
196.628

■ 55, 39.349, 24.324

■ 40, 24.733,
196.477

■ 40, 25.599,
196.377

Harmonies

Complementary

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



44, 1.629, 199.419



43, 1.667, 19.378

Rectangle

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



44, 1.629, 199.419



44, 1.629, 249.419



44, 1.629, 19.419



44, 1.629, 69.419

Sweetspot

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



44, 1.630, 199.381



56, 0.528, 200.097



44, 2.906, 143.857



29, 0.303, 200.172



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, 1.630, 199.381



56, 2.624, 199.259



43, 1.426, 254.194



22, 1.461, 199.238



44, 28.245, 196.321



88, 48.605, 196.317

Inverse Universe

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



43, 1.667, 19.378



54, 2.704, 19.509



44, 1.432, 73.001



21, 1.508, 19.532



23, 56.941, 37.560



51, 101.373, 39.987

Previews

White Background



This preview shows how the CIELCh color 44, 1.629, 199.419 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, 1.629, 199.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

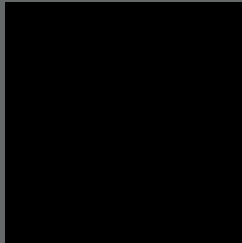
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

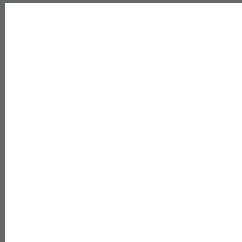
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 1.629, 199.419

Background



This preview shows how black text looks on a background with the CIELCh color 44, 1.629, 199.419.



This preview shows how white text looks on a background with the CIELCh color 44, 1.629, 199.419.

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, 1.629, 199.419

Protanopia

44, 1.385, 353.722

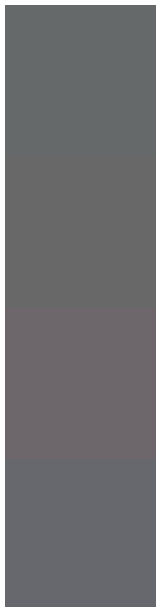
Deuteranopia

44, 5.822, 349.258



Tritanopia
44, 4.845, 281.426

Trichromacy



Original Color

44, 1.629, 199.419

Protanomaly

44, 0.006, 296.813

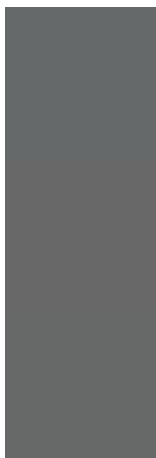
Deuteranomaly

44, 3.770, 340.395

Tritanomaly

44, 3.091, 275.540

Monochromacy



Original Color

44, 1.629, 199.419

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 0.410, 200.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 1.629, 199.419 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(101, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 105)  
}
```

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(101, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 1.629, 199.419 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(101, 105, 105) }
```

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

```
.border{ border-color:rgb(101, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 1.629, 199.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 105) }
```

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

```
.background{ background-color: rgb(101,  
105, 105) }
```

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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