

Converting Colors

CIELCh(44, 3.068, 21.415)

Have a look what the booklet for
CIELCh(44, 3.068, 21.415) contains.

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Color

CIELCh(44, 3.349, 19.725)

Conversions

Conversions Part 1

Format	Color
Hex	6E6666
RGB	110, 102, 102
RGB Percent	43%, 40%, 40%
CMY	0.5678, 0.5991, 0.5991
CMYK	0.00, 0.07, 0.07, 0.57
HSL	0°, 4%, 42%
HSV	0°, 7%, 43%
XYZ	13.6397, 13.8382, 14.5789
YIQ	104.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

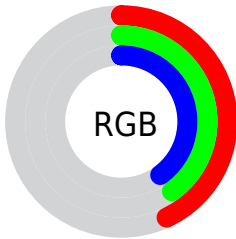
Format	Color
R _Y B	110, 102, 102
Decimal	7235174
CIE Lab	44.00, 3.15, 1.13
CIE LCh	44, 3.349, 19.725
Yxy	13.8382, 0.3243, 0.3290
Android (android.graphics.Color)	4285425254 (0xFF6E6666)
YUV	104.3920, -1.1793, 4.9182
Hunter-Lab	37.1997, 0.3493, 2.8035

Details

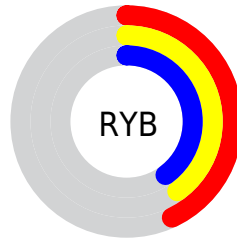
The CIELCh color $44, 3.349, 19.725$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 3.207, 199.162$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 3.493, 19.603$, and $24, 3.269, 19.960$ is the 20% darker color. If you saturate the color by 10%, you get $41, 8.261, 20.518$, and if you desaturate by 10%, it is $47, 1.215, 199.587$.

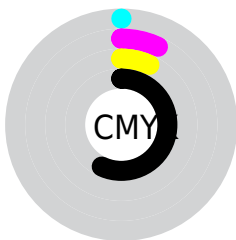
Distribution



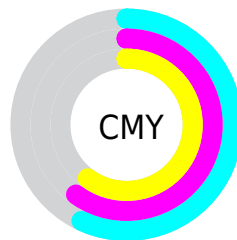
- Red (43%)
- Green (40%)
- Blue (40%)



- Red (43%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (57%)











- Cyan (57%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 3.349, 19.725 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, 3.349, 19.725 by changing the saturation by 10% instead.

 44, 3.349, 19.725	 44, 3.349, 19.725
 100, 3.349, 19.725	 34, 3.349, 19.725
 64, 3.349, 19.725	 24, 3.349, 19.725
 74, 3.349, 19.725	 14, 3.349, 19.725
 84, 3.349, 19.725	 4, 3.349, 19.725
 94, 3.349, 19.725	 0, 3.349, 19.725

 44, 3.349, 19.725	 44, 3.349, 19.725
 41, 8.261, 20.518	 47, 1.215, 199.587
 37, 13.534, 21.441	 51, 5.452, 198.913
 34, 19.155, 22.615	 55, 9.393, 198.527

■ 31, 25.076, 24.126

■ 58, 13.069,
198.226

■ 28, 31.203, 26.066

■ 62, 16.510,
197.982

■ 26, 37.390, 28.524

■ 24, 43.437, 31.520

■ 65, 19.745,
197.781

■ 23, 48.935, 34.692

■ 69, 22.798,
197.615

■ 22, 52.926, 36.514

■ 72, 25.692,
197.475

■ 76, 28.445,
197.357

Harmonies

Complementary

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



44, 3.349, 19.725



46, 3.207, 199.162

Rectangle

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



44, 3.349, 19.725



44, 3.349, 69.725



44, 3.349, 199.725



44, 3.349, 249.725

Sweetspot

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



44, 3.348, 19.746



58, 1.119, 19.160



44, 5.826, 324.789



30, 0.631, 19.116



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 3.348, 19.746



55, 5.169, 19.896



45, 2.897, 74.506



22, 2.648, 19.879



24, 57.997, 37.796



52, 102.186, 40.002

Inverse Universe

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



46, 3.207, 199.162



58, 4.893, 199.039



45, 2.856, 256.374



23, 2.510, 199.052



45, 28.664, 196.426



89, 48.953, 196.428

Previews

White Background



This preview shows how the CIELCh color 44, 3.349, 19.725 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, 3.349, 19.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

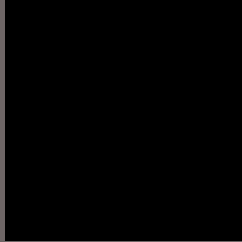
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

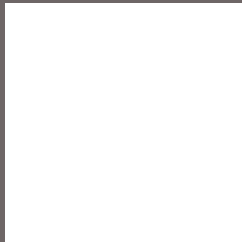
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 3.349, 19.725

Background



This preview shows how black text looks on a background with the CIELCh color 44, 3.349, 19.725.



This preview shows how white text looks on a background with the CIELCh color 44, 3.349, 19.725.

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

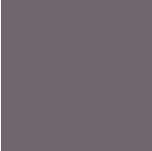
44, 3.349, 19.725

Protanopia

44, 1.013, 55.185

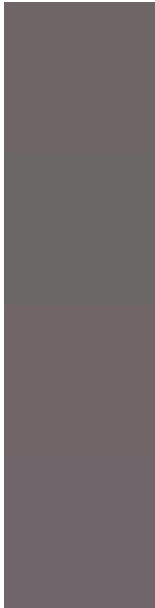
Deuteranopia

44, 6.005, 8.695



Tritanopia
44, 6.333, 331.025

Trichromacy



Original Color

44, 3.349, 19.725

Protanomaly

44, 2.079, 19.500

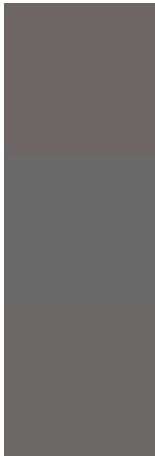
Deuteranomaly

44, 5.173, 6.685

Tritanomaly

44, 5.491, 339.230

Monochromacy



Original Color

44, 3.349, 19.725

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 1.241, 19.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 3.349, 19.725 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(110, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 102, 102)  
}
```

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(110, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 102, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 3.349, 19.725 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(110, 102, 102) }
```

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

```
.border{ border-color:rgb(110, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 102,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 3.349, 19.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 102, 102) }
```

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

```
.background{ background-color: rgb(110,  
102, 102) }
```

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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