

Converting Colors

CIELCh(44, 18.339, 199.255)

Have a look what the booklet for
CIELCh(44, 18.339, 199.255)
contains.

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Color

CIELCh(44, 18.339, 199.255)

Conversions

Conversions Part 1

Format	Color
Hex	3B7071
RGB	59, 112, 113
RGB Percent	23%, 44%, 44%
CMY	0.7668, 0.5590, 0.5550
CMYK	0.48, 0.01, 0.00, 0.56
HSL	181°, 31%, 34%
HSV	181°, 48%, 44%
XYZ	10.6842, 13.8382, 17.8675
YIQ	96.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

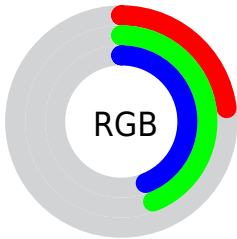
Format	Color
RYB	59, 86, 113
Decimal	3895409
CIELab	44.00, -17.31, -6.05
CIELCh	44, 18.339, 199.255
Yxy	13.8382, 0.2520, 0.3265
Android (android.graphics.Color)	4282085489 (0xFF3B7071)
YUV	96.2670, 8.2494, -32.6832
Hunter-Lab	37.1997, -13.8323, -2.4380

Details

The CIELCh color **44, 18.339, 199.255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 25.502, 25.391**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 18.496, 199.581**, and **24, 18.448, 198.521** is the 20% darker color. If you saturate the color by 10%, you get **43, 21.051, 199.066**, and if you desaturate by 10%, it is **45, 15.154, 199.515**.

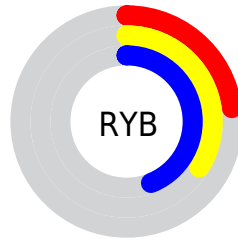
Distribution



 Red (23%)

 Green (44%)

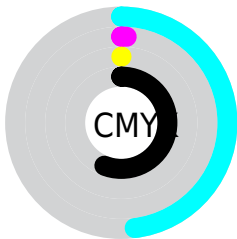
 Blue (44%)



 Red (23%)

 Yellow (34%)

 Blue (44%)

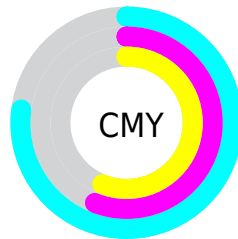


 Cyan (48%)

 Magenta (1%)

 Yellow (0%)

 Black (56%)



 Cyan (77%)

 Magenta (56%)

 Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.339, 199.255 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, 18.339, 199.255 by changing the saturation by 10% instead.

 44, 18.339,
199.255


 44, 18.339,
199.255


 100, 18.339,
199.255


 34, 18.339,
199.255

 64, 18.339,
199.255


 24, 18.339,
199.255

 74, 18.339,
199.255

 14, 18.339,
199.255


 84, 18.339,
199.255

 4, 18.339, 199.255

 94, 18.339,
199.255

 0, 18.339, 199.255

 44, 18.339,

 44, 18.339,

199.255

■ 43, 21.051,
199.066

■ 43, 23.245,
198.960

■ 43, 24.898,
198.940

■ 42, 26.014,
199.008

■ 42, 26.728,
199.143

■ 42, 26.895,
199.176

199.255

■ 45, 15.154,
199.515

■ 45, 11.553,
199.845

■ 46, 7.601, 200.242

■ 47, 3.363, 200.730

■ 48, 1.097, 20.756

■ 49, 5.724, 21.523

■ 50, 10.467, 22.074

■ 52, 15.287, 22.623

■ 53, 20.148, 23.177

Harmonies

Complementary

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



44, 18.339, 199.255



32, 25.502, 25.391

Rectangle

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



44, 18.339, 199.255



44, 18.339, 249.255



44, 18.339, 19.255



44, 18.339, 69.255

Sweetspot

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



44, 18.339, 199.253



60, 7.589, 200.385



43, 38.328, 141.300



30, 5.181, 200.308



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, 18.339, 199.253



56, 25.759, 199.053



35, 19.054, 265.429



23, 2.464, 200.651



45, 27.964, 199.193



87, 47.692, 199.358

Inverse Universe

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



34, 38.140, 327.352



41, 55.410, 327.823



39, 21.403, 71.441



22, 4.526, 325.382



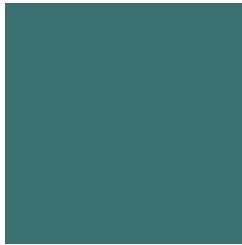
28, 65.211, 328.951



58, 111.282, 328.992

Previews

White Background



This preview shows how the CIELCh color 44, 18.339, 199.255 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, 18.339, 199.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

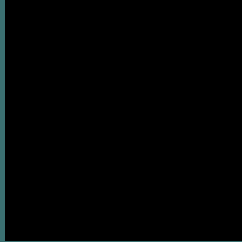
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.339, 199.255

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.339, 199.255.



This preview shows how white text looks on a background with the CIELCh color 44, 18.339, 199.255.

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, 18.339, 199.255

Protanopia
44, 3.036, 298.291

Deuteranopia
44, 9.465, 308.466



Tritanopia
44, 17.258, 216.065

Trichromacy



Original Color
44, 18.339, 199.255

Protanomaly
44, 7.311, 217.935

Deuteranomaly
44, 8.165, 246.505

Tritanomaly
44, 17.628, 209.421

Monochromacy



Original Color
44, 18.339, 199.255

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 7.864, 198.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.339, 199.255 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(59, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(59, 112, 113)  
}
```

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(59, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 112, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.339, 199.255 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(59, 112, 113) }
```

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

```
.border{ border-color:rgb(59, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(59, 112,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.339, 199.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 112, 113) }
```

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

```
.background{ background-color: rgb(59, 112,  
113) }
```

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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