

Converting Colors

CIELCh(44, 19.947, 180.666)

Have a look what the booklet for
CIELCh(44, 19.947, 180.666)
contains.

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Color

CIELCh(44, 19.801, 181.246)

Conversions

Conversions Part 1

Format	Color
Hex	3D7168
RGB	61, 113, 104
RGB Percent	24%, 44%, 41%
CMY	0.7603, 0.5563, 0.5916
CMYK	0.46, 0.00, 0.08, 0.56
HSL	170°, 30%, 34%
HSV	170°, 46%, 44%
XYZ	10.3577, 13.8382, 15.2564
YIQ	96.4260, -28.1030, -13.8230

Conversions

Conversions Part 2

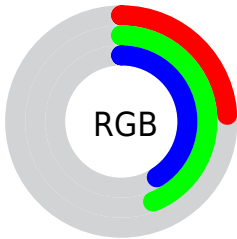
Format	Color
RYB	61, 89, 113
Decimal	4026728
CIELab	44.00, -19.80, -0.43
CIELCh	44, 19.801, 181.246
Yxy	13.8382, 0.2625, 0.3508
Android (android.graphics.Color)	4282216808 (0xFF3D7168)
YUV	96.4260, 3.7340, -31.0686
Hunter-Lab	37.1997, -15.3988, 1.7238

Details

The CIELCh color **44, 19.801, 181.246** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 24.285, 10.915**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 19.753, 181.211**, and **24, 19.983, 180.622** is the 20% darker color. If you saturate the color by 10%, you get **43, 23.225, 180.200**, and if you desaturate by 10%, it is **45, 15.977, 182.221**.

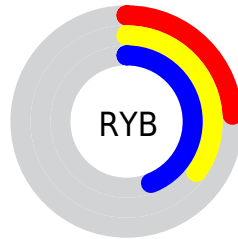
Distribution



Red (24%)

Green (44%)

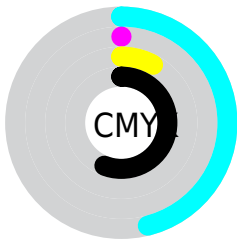
Blue (41%)



Red (24%)

Yellow (35%)

Blue (44%)

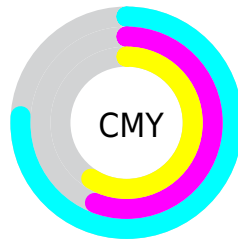


Cyan (46%)

Magenta (0%)

Yellow (8%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.801, 181.246 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, 19.801, 181.246 by changing the saturation by 10% instead.


 44, 19.801,
181.246


 44, 19.801,
181.246


 100, 19.801,
181.246


 34, 19.801,
181.246

 64, 19.801,
181.246


 24, 19.801,
181.246

 74, 19.801,
181.246

 14, 19.801,
181.246


 84, 19.801,
181.246

 4, 19.801, 181.246

 94, 19.801,
181.246

 0, 19.801, 181.246

 44, 19.801,

 44, 19.801,

181.246

181.246

■ 43, 23.225,
180.200

■ 45, 15.977,
182.221

■ 43, 26.189,
179.072

■ 45, 11.823,
183.147

■ 43, 28.651,
177.841

■ 46, 7.411, 184.039

■ 42, 30.596,
176.487

■ 47, 2.808, 184.954

■ 48, 1.923, 5.464

■ 42, 32.102,
175.027

■ 49, 6.730, 6.374

■ 42, 32.693,
174.461

■ 50, 11.568, 7.155

■ 52, 16.403, 7.903

■ 53, 21.209, 8.627

Harmonies

Complementary

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



44, 19.801, 181.246



33, 24.285, 10.915

Rectangle

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



44, 19.801, 181.246



44, 19.801, 231.246



44, 19.801, 1.246



44, 19.801, 51.246

Sweetspot

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



44, 19.801, 181.244



60, 8.116, 184.180



44, 35.411, 136.768



30, 5.551, 184.031



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, 19.801, 181.244



56, 28.373, 180.146



39, 15.501, 239.178



23, 2.620, 184.663



45, 34.111, 174.348



88, 58.956, 173.315

Inverse Universe

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



33, 24.285, 10.915



39, 36.604, 13.094



36, 20.290, 50.935



22, 2.717, 6.021



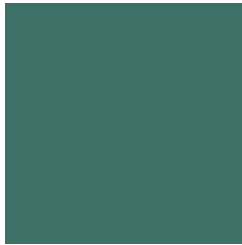
24, 53.049, 29.182



52, 93.368, 32.418

Previews

White Background



This preview shows how the CIELCh color 44, 19.801, 181.246 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, 19.801, 181.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

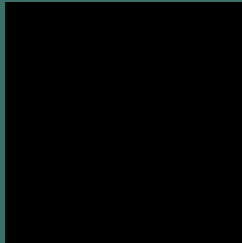
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 19.801, 181.246

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.801, 181.246.



This preview shows how white text looks on a background with the CIELCh color 44, 19.801, 181.246.

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, 19.801, 181.246

Protanopia

44, 2.912, 74.486

Deuteranopia

44, 6.513, 340.165



Tritanopia
44, 16.220, 217.385

Trichromacy



Original Color
44, 19.801, 181.246

Protanomaly
44, 7.810, 171.040

Deuteranomaly
44, 4.425, 206.778

Tritanomaly
44, 16.893, 201.642

Monochromacy



Original Color
44, 19.801, 181.246

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 7.841, 185.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.801, 181.246 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(61, 113, 104)` looks like.

```
.text, #text, p{  
    color:rgb(61, 113, 104)  
}
```

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(61, 113, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 113, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.801, 181.246 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(61, 113, 104) }
```

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

```
.border{ border-color:rgb(61, 113, 104) }
```

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

Here you see how a box with a 4 pixel rgb(61, 113, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 113, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 113, 104);  
box-shadow:4px 4px 4px 4px rgb(61, 113,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.801, 181.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 113, 104) }
```

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

```
.background{ background-color: rgb(61, 113,  
104) }
```

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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