

Converting Colors

CIELCh(44, 21.566, 177.784)

Have a look what the booklet for
CIELCh(44, 21.566, 177.784)
contains.

CIELCh(44, 21.686, 177.498)	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, 21.686, 177.498)

Conversions

Conversions Part 1

Format	Color
Hex	3A7266
RGB	58, 114, 102
RGB Percent	23%, 45%, 40%
CMY	0.7733, 0.5537, 0.6008
CMYK	0.49, 0.00, 0.11, 0.55
HSL	167°, 33%, 34%
HSV	167°, 49%, 45%
XYZ	10.1164, 13.8382, 14.6576
YIQ	95.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

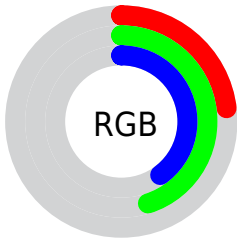
Format	Color
RYB	58, 89, 114
Decimal	3830374
CIELab	44.00, -21.67, 0.95
CIElCh	44, 21.686, 177.498
Yxy	13.8382, 0.2620, 0.3584
Android (android.graphics.Color)	4282020454 (0xFF3A7266)
YUV	95.8880, 3.0132, -33.2278
Hunter-Lab	37.1997, -16.5566, 2.6782

Details

The CIELCh color **44, 21.686, 177.498** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 26.293, 8.425**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 21.628, 177.871**, and **24, 22.079, 176.466** is the 20% darker color. If you saturate the color by 10%, you get **43, 25.165, 176.325**, and if you desaturate by 10%, it is **45, 17.801, 178.577**.

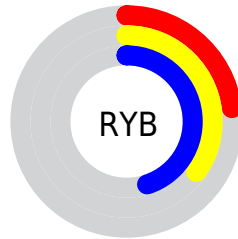
Distribution



Red (23%)

Green (45%)

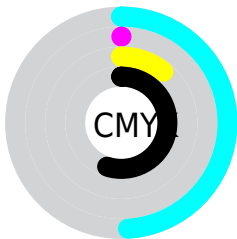
Blue (40%)



Red (23%)

Yellow (35%)

Blue (45%)

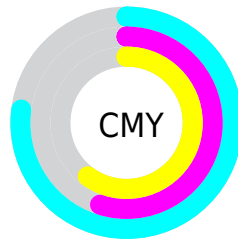


Cyan (49%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 21.686, 177.498 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, 21.686, 177.498 by changing the saturation by 10% instead.

 44, 21.686,
177.498

 44, 21.686,
177.498

 100, 21.686,
177.498

 34, 21.686,
177.498

 64, 21.686,
177.498

 24, 21.686,
177.498

 74, 21.686,
177.498

 14, 21.686,
177.498

 84, 21.686,
177.498

 4, 21.686, 177.498

 94, 21.686,
177.498

 0, 21.686, 177.498

 44, 21.686,

 44, 21.686,

177.498

177.498

■ 43, 25.165,
176.325

■ 45, 17.801,
178.577

■ 43, 28.178,
175.043

■ 45, 13.580,
179.584

■ 43, 30.689,
173.629

■ 46, 9.095, 180.537

■ 43, 32.690,
172.065

■ 47, 4.419, 181.466

■ 48, 0.386, 1.370

■ 42, 34.373,
170.447

■ 49, 5.263, 2.987

■ 42, 34.508,
170.325

■ 50, 10.167, 3.800

■ 52, 15.061, 4.565

■ 53, 19.919, 5.300

Harmonies

Complementary

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



44, 21.686, 177.498



32, 26.293, 8.425

Rectangle

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



44, 21.686, 177.498



44, 21.686, 227.498



44, 21.686, 357.498



44, 21.686, 47.498

Sweetspot

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



44, 21.686, 177.496



59, 8.854, 180.891



44, 37.586, 135.683



30, 5.988, 180.742



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, 21.686, 177.496



56, 30.920, 176.162



39, 16.328, 234.866



23, 2.668, 181.487



45, 35.860, 170.211



87, 62.174, 169.054

Inverse Universe

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



32, 26.293, 8.425



38, 39.239, 10.939



35, 22.336, 47.502



22, 2.756, 2.899



24, 51.748, 26.045



52, 90.817, 29.460

Previews

White Background



This preview shows how the CIELCh color 44, 21.686, 177.498 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, 21.686, 177.498 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, 21.686, 177.498

Background



This preview shows how black text looks on a background with the CIELCh color 44, 21.686, 177.498.



This preview shows how white text looks on a background with the CIELCh color 44, 21.686, 177.498.

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, 21.686, 177.498

Protanopia

44, 4.505, 87.374

Deuteranopia

44, 6.195, 351.333



Tritanopia
44, 17.003, 216.375

Trichromacy



Original Color
44, 21.686, 177.498

Protanomaly
44, 9.177, 162.310

Deuteranomaly
43, 4.872, 191.782

Tritanomaly
44, 17.798, 199.371

Monochromacy



Original Color
44, 21.686, 177.498

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.419, 181.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 21.686, 177.498 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(58, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(58, 114, 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(58, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 114, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 21.686, 177.498 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(58, 114, 102) }
```

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

```
.border{ border-color:rgb(58, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(58, 114,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 21.686, 177.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 114, 102) }
```

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

```
.background{ background-color: rgb(58, 114,  
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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