

Converting Colors

CIELCh(44, 23.324, 171.882)

Have a look what the booklet for
CIELCh(44, 23.324, 171.882)
contains.

CIELCh(44, 23.181, 172.279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 23.181, 172.279)

Conversions

Conversions Part 1

Format	Color
Hex	397262
RGB	57, 114, 98
RGB Percent	22%, 45%, 38%
CMY	0.7757, 0.5522, 0.6150
CMYK	0.50, 0.00, 0.14, 0.55
HSL	163°, 33%, 34%
HSV	163°, 50%, 45%
XYZ	9.9502, 13.8382, 13.7472
YIQ	95.1330, -28.8360, -17.0600

Conversions

Conversions Part 2

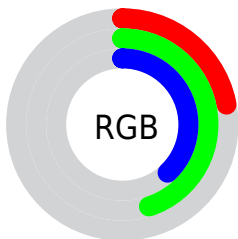
Format	Color
RYB	57, 90, 114
Decimal	3764834
CIELab	44.00, -22.97, 3.11
CIElCh	44, 23.181, 172.279
Yxy	13.8382, 0.2651, 0.3687
Android (android.graphics.Color)	4281954914 (0xFF397262)
YUV	95.1330, 1.4134, -33.4426
Hunter-Lab	37.1997, -17.3545, 4.1292

Details

The CIELCh color **44, 23.181, 172.279** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 27.026, 3.570**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 22.995, 172.993**, and **24, 22.663, 173.241** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.960, 170.986**, and if you desaturate by 10%, it is **45, 19.016, 173.454**.

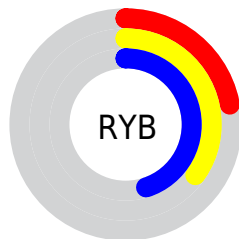
Distribution



Red (22%)

Green (45%)

Blue (38%)



Red (22%)

Yellow (35%)

Blue (45%)

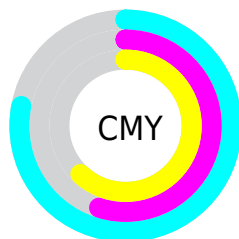


Cyan (50%)

Magenta (0%)

Yellow (14%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.181, 172.279 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, 23.181, 172.279 by changing the saturation by 10% instead.


 44, 23.181,
172.279


 44, 23.181,
172.279


 100, 23.181,
172.279


 34, 23.181,
172.279

 64, 23.181,
172.279


 24, 23.181,
172.279

 74, 23.181,
172.279

 14, 23.181,
172.279

 84, 23.181,
172.279

 4, 23.181, 172.279

 94, 23.181,
172.279

 0, 23.181, 172.279

 44, 23.181,

 44, 23.181,

172.279

172.279

■ 43, 26.960,
170.986

■ 45, 19.016,
173.454

■ 43, 30.289,
169.557

■ 45, 14.537,
174.534

■ 43, 33.129,
167.971

■ 46, 9.820, 175.540

■ 42, 35.469,
166.210

■ 47, 4.938, 176.500

■ 48, 0.045, 350.223

■ 42, 37.527,
164.418

■ 49, 5.074, 358.068

■ 42, 37.544,
164.404

■ 50, 10.103,
358.884

■ 52, 15.099,
359.644

■ 53, 20.035, 0.368

Harmonies

Complementary

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



44, 23.181, 172.279



32, 27.026, 3.570

Rectangle

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



44, 23.181, 172.279



44, 23.181, 222.279



44, 23.181, 352.279



44, 23.181, 42.279

Sweetspot

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



44, 23.181, 172.278



59, 9.188, 175.977



44, 37.440, 133.811



30, 6.218, 175.823



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, 23.181, 172.278



56, 33.182, 170.765



41, 16.578, 225.023



23, 2.762, 176.590



44, 38.933, 164.285



87, 67.811, 162.992

Inverse Universe

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



32, 27.026, 3.570



38, 39.993, 6.072



34, 23.518, 41.217



22, 2.836, 358.040



24, 50.000, 20.448



52, 87.127, 23.961

Previews

White Background



This preview shows how the CIELCh color 44, 23.181, 172.279 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, 23.181, 172.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

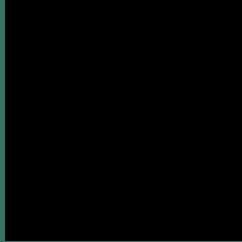
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 23.181, 172.279

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.181, 172.279.



This preview shows how white text looks on a background with the CIELCh color 44, 23.181, 172.279.

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, 23.181, 172.279

Protanopia

44, 6.908, 91.006

Deuteranopia

44, 5.944, 14.366



Tritanopia
44, 16.745, 216.698

Trichromacy



Original Color
44, 23.181, 172.279

Protanomaly
44, 10.563, 150.771

Deuteranomaly
43, 5.787, 167.490

Tritanomaly
44, 17.614, 197.430

Monochromacy



Original Color
44, 23.181, 172.279

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 9.274, 175.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.181, 172.279 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(57, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(57, 114, 98)  
}
```

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(57, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 114, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.181, 172.279 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(57, 114, 98) }
```

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

```
.border{ border-color:rgb(57, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(57, 114,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.181, 172.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 114, 98) }
```

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

```
.background{ background-color: rgb(57, 114,  
98) }
```

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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