

Converting Colors

CIELCh(44, 23.376, 204.927)

Have a look what the booklet for
CIELCh(44, 23.376, 204.927)
contains.

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Color

CIELCh(44, 23.251, 205.951)

Conversions

Conversions Part 1

Format	Color
Hex	257278
RGB	37, 114, 120
RGB Percent	15%, 45%, 47%
CMY	0.8539, 0.5522, 0.5286
CMYK	0.69, 0.05, 0.00, 0.53
HSL	184°, 53%, 31%
HSV	184°, 69%, 47%
XYZ	10.2139, 13.8382, 19.9650
YIQ	91.6610, -47.8180, -14.4580

Conversions

Conversions Part 2

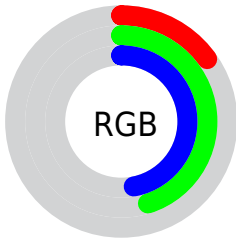
Format	Color
RYB	37, 77, 120
Decimal	2454136
CIELab	44.00, -20.91, -10.17
CIELCh	44, 23.251, 205.951
Yxy	13.8382, 0.2320, 0.3144
Android (android.graphics.Color)	4280644216 (0xFF257278)
YUV	91.6610, 13.9711, -47.9377
Hunter-Lab	37.1997, -16.0888, -5.7809

Details

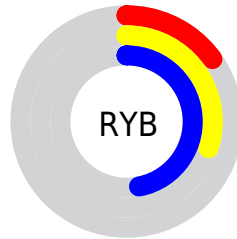
The CIELCh color **44, 23.251, 205.951** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 39.566, 32.855**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 23.241, 205.876**, and **25, 18.325, 209.304** is the 20% darker color. If you saturate the color by 10%, you get **43, 24.744, 206.513**, and if you desaturate by 10%, it is **45, 21.197, 205.571**.

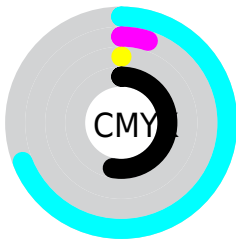
Distribution



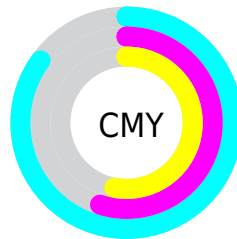
- Red (15%)
- Green (45%)
- Blue (47%)



- Red (15%)
- Yellow (30%)
- Blue (47%)



- Cyan (69%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)





- Cyan (85%)
- Magenta (55%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.251, 205.951 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, 23.251, 205.951 by changing the saturation by 10% instead.


 44, 23.251,
205.951


 44, 23.251,
205.951


 100, 23.251,
205.951


 34, 23.251,
205.951

 64, 23.251,
205.951


 24, 23.251,
205.951

 74, 23.251,
205.951

 14, 23.251,
205.951

 84, 23.251,
205.951

 4, 23.251, 205.951

 94, 23.251,
205.951

 0, 23.251, 205.951

 44, 23.251,

 44, 23.251,

205.951

■ 43, 24.744,
206.513

■ 43, 25.683,
207.283

■ 43, 26.246,
208.201

■ 43, 26.301,
208.291

205.951

■ 45, 21.197,
205.571

■ 45, 18.607,
205.355

■ 46, 15.527,
205.278

■ 47, 12.015,
205.322

■ 48, 8.138, 205.471

■ 49, 3.962, 205.734

■ 51, 0.449, 25.062

■ 52, 5.040, 26.164

■ 53, 9.762, 26.566

Harmonies

Complementary

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



44, 23.251, 205.951



29, 39.566, 32.855

Rectangle

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



44, 23.251, 205.951



44, 23.251, 255.951



44, 23.251, 25.951



44, 23.251, 75.951

Sweetspot

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



44, 23.251, 205.950



61, 11.021, 205.424



44, 53.853, 140.120



32, 7.464, 205.388



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 23.251, 205.950



55, 30.591, 206.950



31, 30.865, 276.788



25, 2.516, 205.731



44, 27.036, 208.343



85, 45.337, 209.053

Inverse Universe

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



31, 52.547, 330.037



38, 71.558, 330.685



39, 34.099, 73.279



24, 4.693, 326.915



28, 64.493, 331.228



59, 108.245, 331.402

Previews

White Background



This preview shows how the CIELCh color 44, 23.251, 205.951 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, 23.251, 205.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

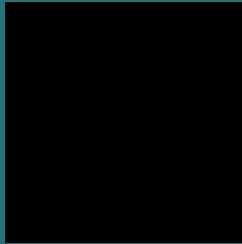
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 23.251, 205.951

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.251, 205.951.



This preview shows how white text looks on a background with the CIELCh color 44, 23.251, 205.951.

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, 23.251, 205.951

Protanopia

44, 6.000, 291.041

Deuteranopia

44, 13.292, 296.988



Tritanopia
44, 22.846, 210.878

Trichromacy



Original Color
44, 23.251, 205.951

Protanomaly
43, 11.449, 226.736

Deuteranomaly
43, 13.123, 246.081

Tritanomaly
44, 23.020, 209.182

Monochromacy



Original Color
44, 23.251, 205.951

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 10.706, 204.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.251, 205.951 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(37, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(37, 114, 120)  
}
```

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(37, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 114, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.251, 205.951 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(37, 114, 120) }
```

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

```
.border{ border-color:rgb(37, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(37, 114,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.251, 205.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 114, 120) }
```

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

```
.background{ background-color: rgb(37, 114,  
120) }
```

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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