

Converting Colors

CIE LCh(23, 17.204, 185.213)

Have a look what the booklet for
CIELCh(23, 17.204, 185.213)
contains.

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Color

CIELCh(23, 17.204, 185.213)

Conversions

Conversions Part 1

Format	Color
Hex	0E3E39
RGB	14, 62, 57
RGB Percent	5%, 24%, 22%
CMY	0.9464, 0.7579, 0.7775
CMYK	0.78, 0.00, 0.08, 0.76
HSL	174°, 64%, 15%
HSV	174°, 78%, 24%
XYZ	2.6164, 3.8003, 4.4332
YIQ	47.0780, -27.0030, -11.7310

Conversions

Conversions Part 2

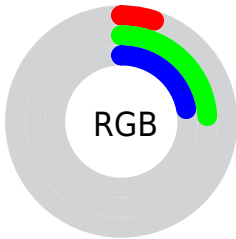
Format	Color
R_{YB}	14, 39, 62
Decimal	933433
CIE Lab	23.00, -17.13, -1.56
CIE LCh	23, 17.204, 185.213
Yxy	3.8003, 0.2411, 0.3503
Android (android.graphics.Color)	4279123513 (0xFF0E3E39)
YUV	47.0780, 4.8915, -29.0094
Hunter-Lab	19.4944, -10.1581, 0.1629

Details

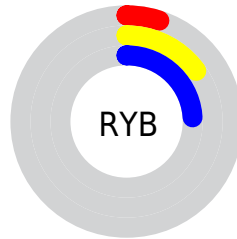
The CIELCh color **23, 17.204, 185.213** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 25.605, 21.903**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 17.105, 185.164**, and **4, 6.616, 174.216** is the 20% darker color. If you saturate the color by 10%, you get **23, 18.374, 184.361**, and if you desaturate by 10%, it is **23, 15.768, 186.024**.

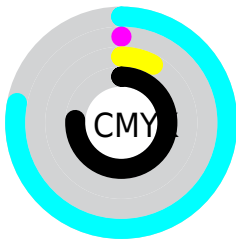
Distribution



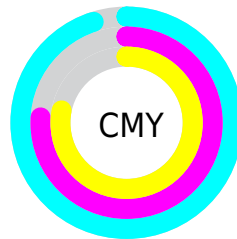
- Red (5%)
- Green (24%)
- Blue (22%)



- Red (5%)
- Yellow (15%)
- Blue (24%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (76%)





- Cyan (95%)
- Magenta (76%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 17.204, 185.213 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 23, 17.204, 185.213 by changing the saturation by 10% instead.

 23, 17.204,
185.213


 23, 17.204,
185.213

 100, 17.204,
185.213


 13, 17.204,
185.213


 43, 17.204,
185.213


 3, 17.204, 185.213

 53, 17.204,
185.213

 0, 17.204, 185.213

 63, 17.204,
185.213

 73, 17.204,
185.213

 83, 17.204,
185.213

 93, 17.204,

185.213

■ 23, 17.204,
185.213

■ 23, 17.204,
185.213

■ 23, 18.374,
184.361

■ 23, 15.768,
186.024

■ 23, 19.526,
183.580

■ 23, 14.049,
186.796

■ 23, 19.777,
183.426

■ 24, 12.069,
187.538

■ 24, 9.858, 188.260

■ 25, 7.451, 188.968

■ 25, 4.883, 189.673

■ 26, 2.189, 190.411

■ 26, 0.601, 10.587

■ 27, 3.455, 11.572

Harmonies

Complementary

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



23, 17.204, 185.213



12, 25.605, 21.903

Rectangle

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



23, 17.204, 185.213



23, 17.204, 235.213



23, 17.204, 5.213



23, 17.204, 55.213

Sweetspot

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



23, 17.204, 185.212



32, 7.624, 189.243



22, 35.223, 136.469



15, 5.306, 189.130



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



23, 17.204, 185.212



30, 22.615, 183.537



16, 15.404, 255.773



11, 1.530, 190.368



35, 26.517, 182.620



80, 49.836, 181.623

Inverse Universe

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



12, 25.605, 21.903



14, 36.892, 27.374



16, 21.743, 55.246



10, 1.588, 11.344



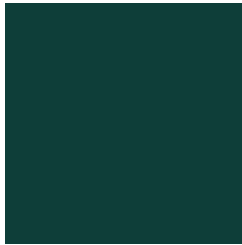
18, 45.311, 30.656



46, 89.626, 36.187

Previews

White Background



This preview shows how the CIELCh color 23, 17.204, 185.213 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 23, 17.204, 185.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

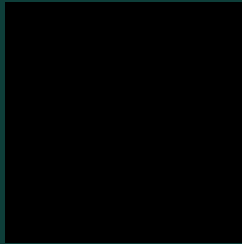
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 17.204, 185.213

Background



This preview shows how black text looks on a background with the CIELCh color 23, 17.204, 185.213.



This preview shows how white text looks on a background with the CIELCh color 23, 17.204, 185.213.

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
23, 17.204, 185.213

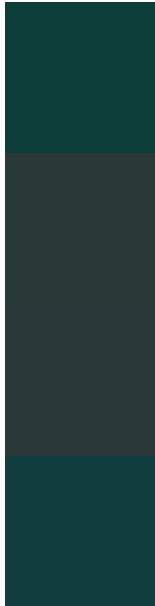
Protanopia
23, 1.402, 90.494

Deuteranopia
23, 4.863, 324.899



Tritanopia
23, 14.065, 211.065

Trichromacy



Original Color
23, 17.204, 185.213

Protanomaly
23, 7.300, 182.055

Deuteranomaly
22, 5.676, 212.192

Tritanomaly
23, 14.965, 199.487

Monochromacy



Original Color
23, 17.204, 185.213

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 7.373, 192.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 17.204, 185.213 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(14, 62, 57)` looks like.

```
.text, #text, p{  
    color:rgb(14, 62, 57)  
}
```

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(14, 62, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 62, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 17.204, 185.213 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(14, 62, 57) }
```

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

```
.border{ border-color:rgb(14, 62, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 62, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 62, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 62, 57);  
box-shadow:4px 4px 4px 4px rgb(14, 62, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 17.204, 185.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 62, 57) }
```

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

```
.background{ background-color: rgb(14, 62,  
57) }
```

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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