

Converting Colors

CIELCh(23, 16.756, 254.651)

Have a look what the booklet for
CIELCh(23, 16.756, 254.651)
contains.

CIELCh(23, 16.873, 255.204)	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(23, 16.873, 255.204)

Conversions

Conversions Part 1	
Format	Color
Hex	1A3A4F
RGB	26, 58, 79
RGB Percent	10%, 23%, 31%
CMY	0.8984, 0.7728, 0.6905
CMYK	0.67, 0.27, 0.00, 0.69
HSL	204°, 51%, 21%
HSV	204°, 67%, 31%
XYZ	3.3414, 3.8003, 7.9394
YIQ	50.8260, -25.8130, -0.2530

Conversions

Conversions Part 2

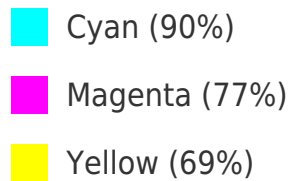
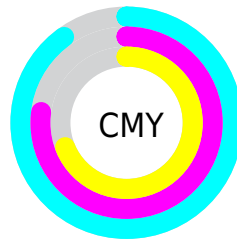
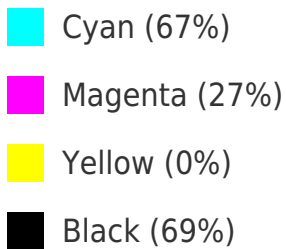
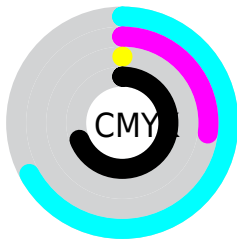
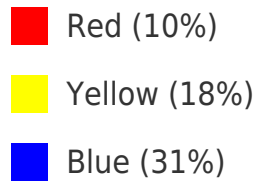
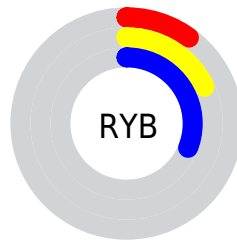
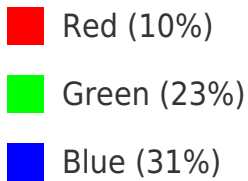
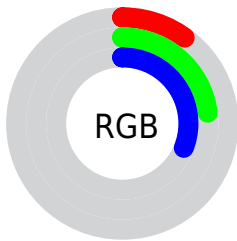
Format	Color
RYB	26, 46, 79
Decimal	1718863
CIELab	23.00, -4.31, -16.31
CIELCh	23, 16.873, 255.204
Yxy	3.8003, 0.2216, 0.2520
Android (android.graphics.Color)	4279908943 (0xFF1A3A4F)
YUV	50.8260, 13.8898, -21.7724
Hunter-Lab	19.4944, -3.5199, -10.5006

Details

The CIELCh color **23, 16.873, 255.204** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23, 22.973, 57.739**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 16.681, 255.283**, and **4, 14.806, 275.419** is the 20% darker color. If you saturate the color by 10%, you get **22, 18.904, 258.429**, and if you desaturate by 10%, it is **24, 14.708, 252.460**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 16.873, 255.204 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, 16.873, 255.204 by changing the saturation by 10% instead.

 23, 16.873,
255.204


 23, 16.873,
255.204

 100, 16.873,
255.204


 13, 16.873,
255.204


 43, 16.873,
255.204


 3, 16.873, 255.204

 53, 16.873,
255.204

 0, 16.873, 255.204

 63, 16.873,
255.204

 73, 16.873,
255.204

 83, 16.873,
255.204

 93, 16.873,

255.204

■ 23, 16.873,
255.204

■ 23, 16.873,
255.204

■ 22, 18.904,
258.429

■ 24, 14.708,
252.460

■ 20, 20.827,
262.151

■ 26, 12.405,
250.151

■ 19, 22.773,
265.805

■ 28, 9.968, 248.222

■ 29, 7.412, 246.617

■ 19, 23.349,
266.731

■ 31, 4.753, 245.288

■ 32, 2.010, 244.227

■ 34, 0.800, 62.879

■ 36, 3.660, 62.304

■ 37, 6.558, 61.652

Harmonies

Complementary

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



23, 16.873, 255.204



23, 22.973, 57.739

Rectangle

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



23, 16.873, 255.204



23, 16.873, 305.204



23, 16.873, 75.204



23, 16.873, 125.204

Sweetspot

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



23, 16.873, 255.204



39, 6.813, 245.730



29, 29.734, 151.320



19, 4.580, 245.921



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



23, 16.873, 255.204



28, 24.124, 260.868



15, 32.970, 295.446



14, 1.523, 244.360



25, 28.584, 268.692



56, 54.585, 272.568

Inverse Universe

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



19, 29.936, 344.424



23, 41.505, 346.904



31, 28.551, 98.392



14, 2.506, 338.986



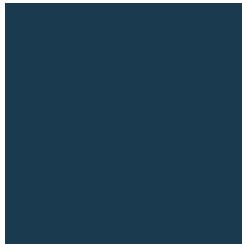
21, 45.131, 350.748



50, 80.643, 353.035

Previews

White Background



This preview shows how the CIELCh color 23, 16.873, 255.204 looks on a white background.

Color Contrast Check

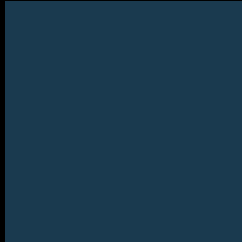
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.873, 255.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

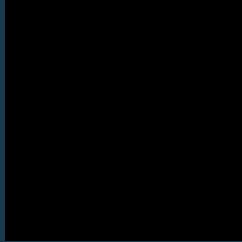
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 16.873, 255.204

Background



This preview shows how black text looks on a background with the CIELCh color 23, 16.873, 255.204.



This preview shows how white text looks on a background with the CIELCh color 23, 16.873, 255.204.

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, 16.873, 255.204

Protanopia

23, 14.786, 284.398

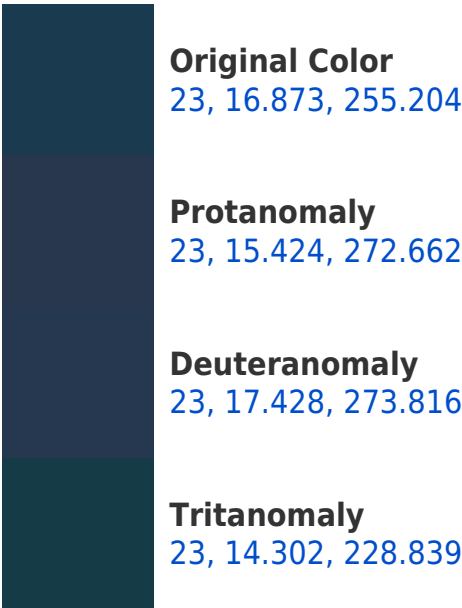
Deuteranopia

23, 17.529, 283.092

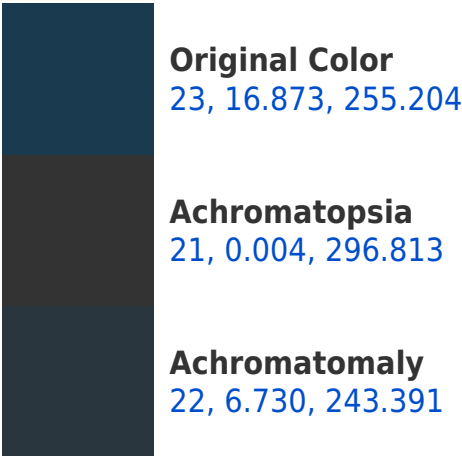


Tritanopia
23, 14.476, 210.603

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 16.873, 255.204 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(26, 58, 79)` looks like.

```
.text, #text, p{  
    color:rgb(26, 58, 79)  
}
```

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(26, 58, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 58, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 16.873, 255.204 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(26, 58, 79) }
```

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

```
.border{ border-color:rgb(26, 58, 79) }
```

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

Here you see how a box with a 4 pixel rgb(26, 58, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 58, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 58, 79);  
box-shadow:4px 4px 4px 4px rgb(26, 58, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 16.873, 255.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 58, 79) }
```

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

```
.background{ background-color: rgb(26, 58,  
79) }
```

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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