

Converting Colors

CIELCh(23, 17.397, 347.254)

Have a look what the booklet for
CIELCh(23, 17.397, 347.254)
contains.

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Color

CIELCh(23, 17.805, 347.317)

Conversions

Conversions Part 1

Format	Color
Hex	4D2D3D
RGB	77, 45, 61
RGB Percent	30%, 18%, 24%
CMY	0.6978, 0.8233, 0.7605
CMYK	0.00, 0.42, 0.21, 0.70
HSL	330°, 26%, 24%
HSV	330°, 42%, 30%
XYZ	4.8515, 3.8003, 4.9024
YIQ	56.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

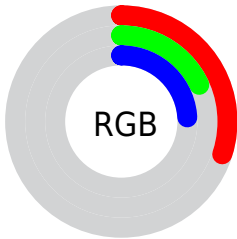
Format	Color
RYB	77, 45, 61
Decimal	5057853
CIELab	23.00, 17.37, -3.91
CIElCh	23, 17.805, 347.317
Yxy	3.8003, 0.3579, 0.2804
Android (android.graphics.Color)	4283247933 (0xFF4D2D3D)
YUV	56.3920, 2.2717, 18.0732
Hunter-Lab	19.4944, 10.3076, -1.2639




Details

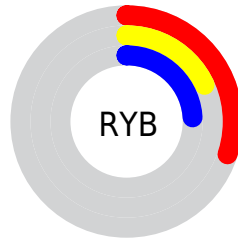
The CIELCh color **23, 17.805, 347.317** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30, 17.021, 160.011**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **43, 18.021, 347.739**, and **3, 17.082, 348.976** is the 20% darker color. If you saturate the color by 10%, you get **21, 21.959, 348.510**, and if you desaturate by 10%, it is **25, 13.503, 346.273**.

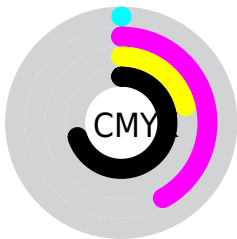
Distribution







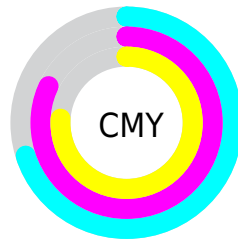
-  Red (30%)
-  Green (18%)
-  Blue (24%)






-  Red (30%)
-  Yellow (18%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (21%)
-  Black (70%)





-  Cyan (70%)
-  Magenta (82%)
-  Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 17.805, 347.317 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, 17.805, 347.317 by changing the saturation by 10% instead.

 23, 17.805,
347.317


 23, 17.805,
347.317

 100, 17.805,
347.317


 13, 17.805,
347.317


 43, 17.805,
347.317


 3, 17.805, 347.317

 53, 17.805,
347.317

 0, 17.805, 347.317

 63, 17.805,
347.317

 73, 17.805,
347.317

 83, 17.805,
347.317

 93, 17.805,

347.317

■ 23, 17.805,
347.317

■ 23, 17.805,
347.317

■ 21, 21.959,
348.510

■ 25, 13.503,
346.273

■ 19, 25.827,
349.898

■ 28, 9.165, 345.340

■ 17, 29.235,
351.550

■ 30, 4.860, 344.485

■ 32, 0.638, 343.445

■ 16, 32.001,
353.554

■ 35, 3.475, 163.127

■ 15, 34.100,
355.936

■ 37, 7.465, 162.451

■ 40, 11.327,
161.843

■ 14, 36.003,
357.811

■ 42, 15.063,
161.281

■ 45, 18.676,
160.758

Harmonies

Complementary

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



23, 17.805, 347.317



30, 17.021, 160.011

Rectangle

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



23, 17.805, 347.317



23, 17.805, 37.317



23, 17.805, 167.317



23, 17.805, 217.317

Sweetspot

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



23, 17.804, 347.318



39, 6.256, 344.561



22, 22.508, 310.933



19, 4.186, 344.606



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, 17.804, 347.318



28, 26.307, 348.545



22, 16.010, 22.917



14, 2.332, 344.245



20, 43.481, 359.457



49, 78.177, 2.670

Inverse Universe

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



23, 17.804, 347.318



28, 26.307, 348.545



30, 12.306, 197.615



14, 2.332, 344.245



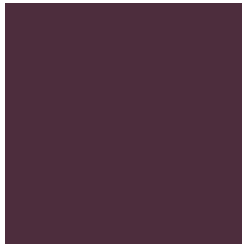
20, 43.481, 359.457



49, 78.177, 2.670

Previews

White Background



This preview shows how the CIE LCh color 23, 17.805, 347.317 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, 17.805, 347.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

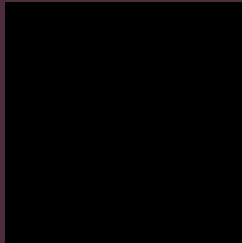
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 17.805, 347.317

Background



This preview shows how black text looks on a background with the CIELCh color 23, 17.805, 347.317.



This preview shows how white text looks on a background with the CIELCh color 23, 17.805, 347.317.

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, 17.805, 347.317

Protanopia

23, 8.066, 282.972

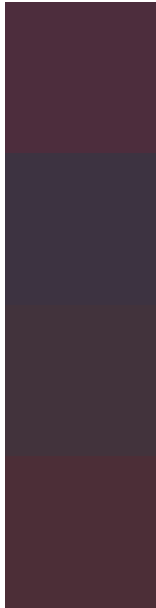
Deuteranopia

23, 4.611, 320.170



Tritanopia
23, 14.224, 11.972

Trichromacy



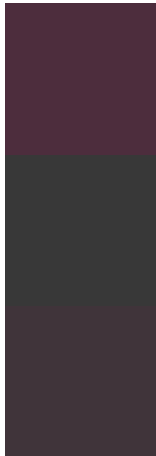
Original Color
23, 17.805, 347.317

Protanomaly
23, 10.378, 316.981

Deuteranomaly
23, 9.089, 340.190

Tritanomaly
23, 15.231, 0.090

Monochromacy



Original Color
23, 17.805, 347.317

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 6.818, 345.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 17.805, 347.317 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(77, 45, 61)` looks like.

```
.text, #text, p{  
    color:rgb(77, 45, 61)  
}
```

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(77, 45, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 45, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 17.805, 347.317 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(77, 45, 61) }
```

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

```
.border{ border-color:rgb(77, 45, 61) }
```

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

Here you see how a box with a 4 pixel rgb(77, 45, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 45, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 45, 61);  
box-shadow:4px 4px 4px 4px rgb(77, 45, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 17.805, 347.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 45, 61) }
```

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

```
.background{ background-color: rgb(77, 45,  
61) }
```

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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