

Converting Colors

CIELCh(75, 23.467, 152.397)

Have a look what the booklet for
CIELCh(75, 23.467, 152.397)
contains.

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Color

CIELCh(75, 23.467, 152.397)

Conversions

Conversions Part 1

Format	Color
Hex	97C3A4
RGB	151, 195, 164
RGB Percent	59%, 76%, 64%
CMY	0.4079, 0.2354, 0.3569
CMYK	0.23, 0.00, 0.16, 0.24
HSL	138°, 27%, 68%
HSV	138°, 23%, 76%
XYZ	38.9685, 48.2781, 42.3776
YIQ	178.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

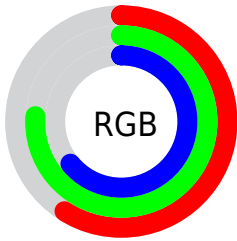
Format	Color
RYB	151, 185, 195
Decimal	9946020
CIELab	75.00, -20.80, 10.87
CIElCh	75, 23.467, 152.397
Yxy	48.2781, 0.3006, 0.3724
Android (android.graphics.Color)	4288136100 (0xFF97C3A4)
YUV	178.3100, -7.0548, -23.9509
Hunter-Lab	69.4824, -21.4845, 12.4765

Details

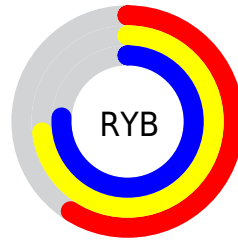
The CIELCh color **75, 23.467, 152.397** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 23.672, 335.673**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.598, 152.249**, and **55, 23.501, 152.340** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.785, 151.441**, and if you desaturate by 10%, it is **77, 13.043, 153.235**.

Distribution



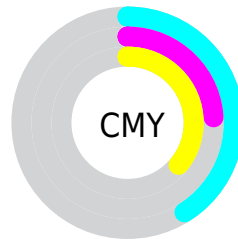
- Red (59%)
- Green (76%)
- Blue (64%)



- Red (59%)
- Yellow (73%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.467, 152.397 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 75, 23.467, 152.397 by changing the saturation by 10% instead.


 75, 23.467,
152.397

 75, 23.467,
152.397


 100, 23.467,
152.397


 65, 23.467,
152.397


 95, 23.467,
152.397

 55, 23.467,
152.397

 45, 23.467,
152.397

 35, 23.467,
152.397

 25, 23.467,
152.397

 15, 23.467,
152.397

 5, 23.467, 152.397

■ 0, 23.467, 152.397

■ 75, 23.467,
152.397

■ 75, 23.467,
152.397

■ 74, 33.785,
151.441

■ 77, 13.043,
153.235

■ 72, 43.826,
150.342

■ 78, 2.644, 154.058

■ 71, 53.403,
149.080

■ 80, 7.624, 334.524

■ 82, 17.685,
335.111

■ 71, 62.316,
147.638

■ 84, 27.489,
335.618

■ 70, 70.375,
146.013

■ 85, 34.138,
330.048

■ 69, 77.422,
144.222

■ 86, 37.641,

■ 69, 83.352,
142.313

325.732

■ 69, 87.089,
140.930

Harmonies

Complementary

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



75, 23.467, 152.397



67, 23.672, 335.673

Rectangle

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



75, 23.467, 152.397



75, 23.467, 202.397



75, 23.467, 332.397



75, 23.467, 22.397

Sweetspot

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



75, 23.469, 152.396



98, 8.934, 153.661



77, 23.898, 119.841



52, 5.855, 153.613



0, 0.000, 0.000



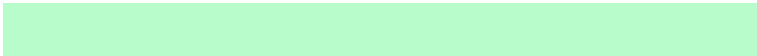
53, 0.007, 296.813

Same Dimension

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



75, 23.469, 152.396



94, 34.609, 151.949



76, 16.493, 179.929



40, 5.846, 153.486



58, 74.918, 141.232



10, 20.975, 150.044

Inverse Universe

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



67, 23.672, 335.673



82, 34.951, 336.045



67, 17.986, 4.317



38, 5.875, 334.702



35, 65.664, 344.325



4, 18.332, 339.959

Previews

White Background



This preview shows how the CIELCh color 75, 23.467, 152.397 looks on a white 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

Black Background



This preview shows how the CIELCh color 75, 23.467, 152.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

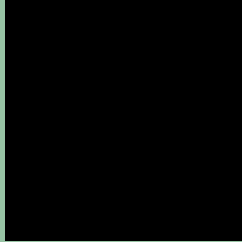
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.467, 152.397

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.467, 152.397.

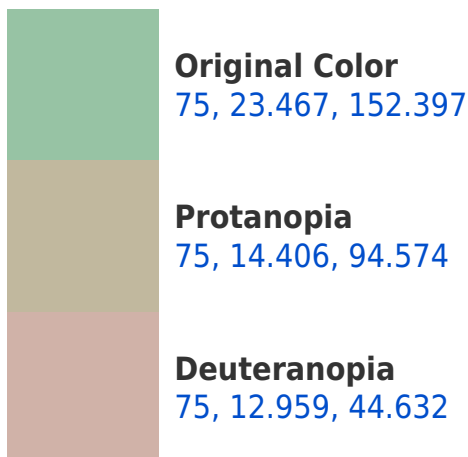


This preview shows how white text looks on a background with the CIELCh color 75, 23.467, 152.397.

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





Tritanopia
75, 13.123, 237.095

Trichromacy



Original Color
75, 23.467, 152.397

Protanomaly
75, 15.533, 123.158

Deuteranomaly
75, 9.210, 102.083

Tritanomaly
75, 12.769, 193.565

Monochromacy



Original Color
75, 23.467, 152.397

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.485, 154.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.467, 152.397 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(151, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 195, 164)  
}
```

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(151, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 195, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.467, 152.397 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(151, 195, 164) }
```

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

```
.border{ border-color:rgb(151, 195, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 195, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 195, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 195, 164); box-shadow:4px 4px 4px 4px rgb(151, 195, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.467, 152.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 195, 164) }
```

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

```
.background{ background-color: rgb(151,  
195, 164) }
```

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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