

Converting Colors

CIELCh(77, 63.190, 147.368)

Have a look what the booklet for
CIELCh(77, 63.190, 147.368)
contains.

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Color

CIELCh(77, 63.005, 147.324)

Conversions

Conversions Part 1

Format	Color
Hex	5CD57C
RGB	92, 213, 124
RGB Percent	36%, 84%, 49%
CMY	0.6377, 0.1633, 0.5124
CMYK	0.57, 0.00, 0.42, 0.16
HSL	136°, 59%, 60%
HSV	136°, 57%, 84%
XYZ	31.9981, 51.5317, 27.4398
YIQ	166.6750, -43.5470, -53.3310

Conversions

Conversions Part 2

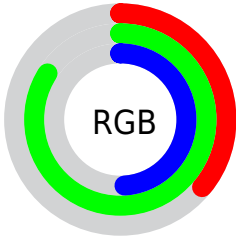
Format	Color
R _Y B	92, 188, 213
Decimal	6083964
CIE Lab	77.00, -53.03, 34.02
CIE LCh	77, 63.005, 147.324
Yxy	51.5317, 0.2883, 0.4644
Android (android.graphics.Color)	4284274044 (0xFF5CD57C)
YUV	166.6750, -21.0388, -65.4900
Hunter-Lab	71.7856, -46.0594, 27.5865

Details

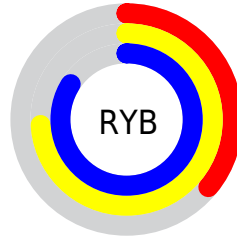
The CIELCh color **77, 63.005, 147.324** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **57, 62.838, 337.151**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 54.128, 148.806**, and **57, 62.696, 147.494** is the 20% darker color. If you saturate the color by 10%, you get **76, 72.429, 145.816**, and if you desaturate by 10%, it is **78, 52.737, 148.653**.

Distribution



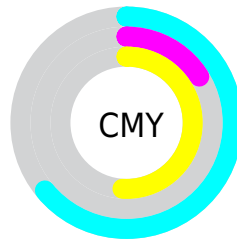
- Red (36%)
- Green (84%)
- Blue (49%)



- Red (36%)
- Yellow (74%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 63.005, 147.324 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 77, 63.005, 147.324 by changing the saturation by 10% instead.

 77, 63.005,
147.324

 77, 63.005,
147.324


 100, 63.005,
147.324


 67, 63.005,
147.324


 97, 63.005,
147.324

 57, 63.005,
147.324

 47, 63.005,
147.324

 37, 63.005,
147.324

 27, 63.005,
147.324

 17, 63.005,
147.324

 7, 63.005, 147.324

0, 63.005, 147.324

77, 63.005,
147.324

77, 63.005,
147.324

76, 72.429,
145.816

78, 52.737,
148.653

76, 80.792,
144.139

79, 41.854,
149.812

75, 87.921,
142.333

81, 30.580,
150.817

75, 93.708,
140.482

82, 19.117,
151.690

75, 95.372,
139.923

84, 7.632, 152.469

86, 3.744, 332.988

88, 14.914,

333.631

■ 90, 24.010,
328.880

■ 90, 26.086,
325.333

Harmonies

Complementary

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



77, 63.005, 147.324



57, 62.838, 337.151

Rectangle

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



77, 63.005, 147.324



77, 63.005, 197.324



77, 63.005, 327.324



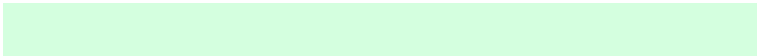
77, 63.005, 17.324

Sweetspot

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



77, 63.006, 147.324



96, 22.491, 151.651



81, 61.891, 116.552



51, 15.050, 151.482



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 63.006, 147.324



89, 84.865, 145.495



78, 41.411, 173.367



44, 6.497, 152.262



61, 80.246, 140.226



14, 28.010, 145.927

Inverse Universe

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



57, 62.838, 337.151



63, 82.989, 338.318



55, 50.877, 7.997



42, 6.525, 333.462



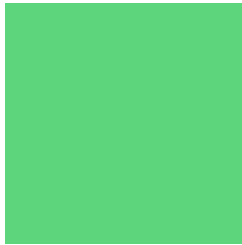
38, 70.093, 342.214



6, 27.147, 339.104

Previews

White Background



This preview shows how the CIELCh color 77, 63.005, 147.324 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 77, 63.005, 147.324 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 77, 63.005, 147.324

Background



This preview shows how black text looks on a background with the CIELCh color 77, 63.005, 147.324.

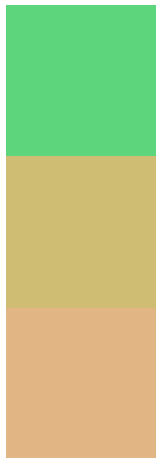


This preview shows how white text looks on a background with the CIELCh color 77, 63.005, 147.324.

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
77, 63.005, 147.324

Protanopia
77, 39.696, 96.021

Deuteranopia
77, 32.405, 72.939



Tritanopia
77, 26.926, 217.712

Trichromacy



Original Color
77, 63.005, 147.324



Protanomaly
76, 43.974, 123.949



Deuteranomaly
75, 34.448, 117.838



Tritanomaly
77, 33.954, 177.396

Monochromacy



Original Color
77, 63.005, 147.324



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 24.546, 150.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 63.005, 147.324 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(92, 213, 124)` looks like.

```
.text, #text, p{  
    color:rgb(92, 213, 124)  
}
```

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(92, 213, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 213, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 63.005, 147.324 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(92, 213, 124) }
```

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

```
.border{ border-color:rgb(92, 213, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 213, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 213, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 213, 124);  
box-shadow:4px 4px 4px 4px rgb(92, 213,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 63.005, 147.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 213, 124) }
```

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

```
.background{ background-color: rgb(92, 213,  
124) }
```

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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