

Converting Colors

CIELCh(75, 39.524, 77.330)

Have a look what the booklet for
CIELCh(75, 39.524, 77.330) contains.

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Color

CIELCh(75, 39.259, 77.344)

Conversions

Conversions Part 1

Format	Color
Hex	DEB172
RGB	222, 177, 114
RGB Percent	87%, 69%, 45%
CMY	0.1288, 0.3053, 0.5524
CMYK	0.00, 0.20, 0.49, 0.13
HSL	35°, 62%, 66%
HSV	35°, 49%, 87%
XYZ	48.9724, 48.2781, 22.7002
YIQ	183.2730, 47.0430, -10.0530

Conversions

Conversions Part 2

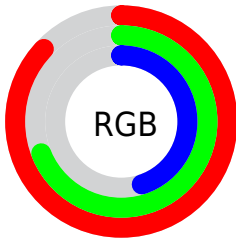
Format	Color
R _Y B	191, 222, 114
Decimal	14594418
CIE Lab	75.00, 8.60, 38.31
CIE LCh	75, 39.259, 77.344
Yxy	48.2781, 0.4083, 0.4025
Android (android.graphics.Color)	4292784498 (0xFFDEB172)
YUV	183.2730, -34.1516, 33.9636
Hunter-Lab	69.4824, 4.2154, 29.2674

Details

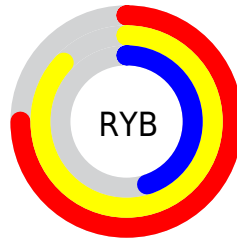
The CIELCh color **75, 39.259, 77.344** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 36.699, 273.041**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 34.885, 92.951**, and **55, 39.614, 77.559** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.859, 75.890**, and if you desaturate by 10%, it is **78, 30.739, 78.755**.

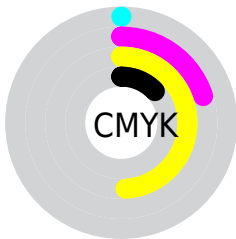
Distribution



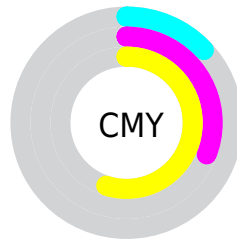
- Red (87%)
- Green (69%)
- Blue (45%)



- Red (75%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.259, 77.344 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, 39.259, 77.344 by changing the saturation by 10% instead.

75, 39.259, 77.344

75, 39.259, 77.344

100, 39.259,
77.344

65, 39.259, 77.344

95, 39.259, 77.344

55, 39.259, 77.344

45, 39.259, 77.344

35, 39.259, 77.344

25, 39.259, 77.344

15, 39.259, 77.344

5, 39.259, 77.344

0, 39.259, 77.344

75, 39.259, 77.344

75, 39.259, 77.344

72, 47.859, 75.890

78, 30.739, 78.755

70, 56.284, 74.338

80, 22.417, 80.125

68, 64.049, 72.598

83, 14.343, 81.456

65, 70.344, 70.483

86, 6.528, 82.732

63, 74.404, 67.779

89, 1.038, 264.360

63, 74.917, 67.406

92, 8.371, 265.302

94, 9.355, 245.113

97, 9.960, 210.123

98, 11.099,
198.765

Harmonies

Complementary

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



75, 39.259, 77.344



65, 36.699, 273.041

Rectangle

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



75, 39.259, 77.344



75, 39.259, 127.344



75, 39.259, 257.344



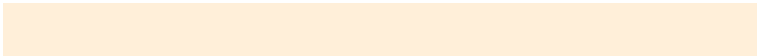
75, 39.259, 307.344

Sweetspot

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



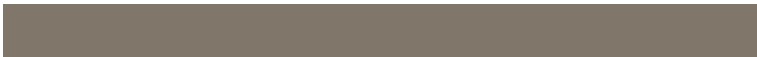
75, 39.259, 77.349



95, 12.845, 81.912



62, 47.319, 354.196



50, 8.795, 81.636



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, 39.259, 77.349



82, 52.946, 75.916



86, 54.591, 109.445



46, 4.341, 82.630



51, 62.856, 67.996



12, 19.952, 69.629

Inverse Universe

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



65, 36.699, 273.041



68, 49.044, 275.914



54, 62.257, 299.386



44, 4.297, 265.185



34, 63.951, 291.061



7, 21.617, 281.820

Previews

White Background



This preview shows how the CIELCh color 75, 39.259, 77.344 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 CIE LCh color 75, 39.259, 77.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

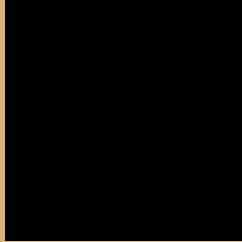
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.259, 77.344

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.259, 77.344.



This preview shows how white text looks on a background with the CIELCh color 75, 39.259, 77.344.

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](#).

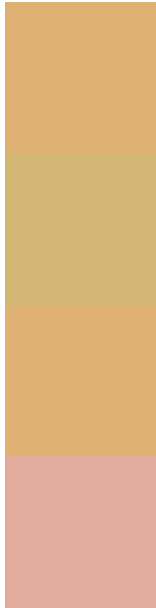
Dichromacy





Tritanopia
75, 23.626, 4.508

Trichromacy



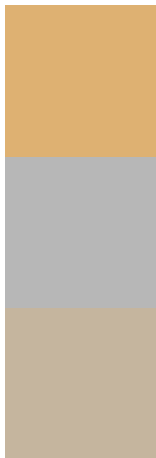
Original Color
75, 39.259, 77.344

Protanomaly
75, 37.090, 88.710

Deuteranomaly
75, 39.493, 76.813

Tritanomaly
75, 23.432, 40.986

Monochromacy



Original Color
75, 39.259, 77.344

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.925, 81.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.259, 77.344 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(222, 177, 114)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 114)  
}
```

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(222, 177, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.259, 77.344 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(222, 177, 114) }
```

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

```
.border{ border-color:rgb(222, 177, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 177, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 114);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.259, 77.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 114) }
```

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

```
.background{ background-color: rgb(222,  
177, 114) }
```

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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