

Converting Colors

CIELCh(84, 45.382, 99.756)

Have a look what the booklet for
CIELCh(84, 45.382, 99.756) contains.

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Color

CIELCh(84, 45.131, 99.364)

Conversions

Conversions Part 1

Format	Color
Hex	E0D37C
RGB	224, 211, 124
RGB Percent	88%, 83%, 49%
CMY	0.1205, 0.1715, 0.5128
CMYK	0.00, 0.06, 0.45, 0.12
HSL	52°, 62%, 68%
HSV	52°, 45%, 88%
XYZ	57.8332, 64.0658, 28.4656
YIQ	204.9690, 35.6750, -24.3010

Conversions

Conversions Part 2

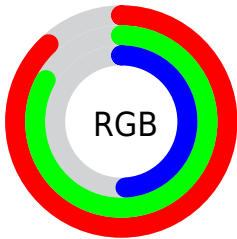
Format	Color
R _Y B	139, 224, 124
Decimal	14734204
CIE Lab	84.00, -7.34, 44.53
CIE LCh	84, 45.131, 99.364
Yxy	64.0658, 0.3846, 0.4261
Android (android.graphics.Color)	4292924284 (0xFFE0D37C)
YUV	204.9690, -39.9177, 16.6902
Hunter-Lab	80.0411, -11.0978, 34.9430

Details

The CIELCh color **84, 45.131, 99.364** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **60, 49.169, 291.125**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **64, 45.147, 99.556** is the 20% darker color. If you saturate the color by 10%, you get **83, 54.631, 98.253**, and if you desaturate by 10%, it is **85, 35.217, 100.493**.

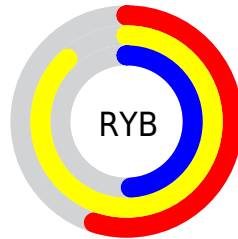
Distribution



Red (88%)

Green (83%)

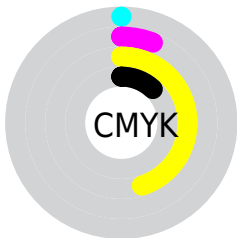
Blue (49%)



Red (55%)

Yellow (88%)

Blue (49%)

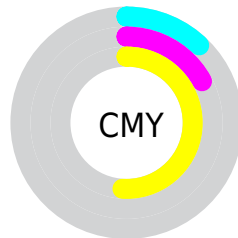


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 45.131, 99.364 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 84, 45.131, 99.364 by changing the saturation by 10% instead.

 84, 45.131, 99.364

 84, 45.131, 99.364

 100, 45.131,
99.364

 74, 45.131, 99.364

 64, 45.131, 99.364

 54, 45.131, 99.364

 44, 45.131, 99.364

 34, 45.131, 99.364

 24, 45.131, 99.364

 14, 45.131, 99.364

 4, 45.131, 99.364

 0, 45.131, 99.364

84, 45.131, 99.364

84, 45.131, 99.364

83, 54.631, 98.253

85, 35.217,
100.493

82, 63.379, 97.162

86, 25.095,
101.615

81, 70.869, 96.108

80, 76.450, 95.091

87, 14.891,
102.721

79, 79.533, 94.093

89, 4.679, 103.787

79, 80.375, 93.554

90, 5.499, 284.891

91, 13.663,
284.896

92, 12.278,
279.381

93, 11.034,
272.577

Harmonies

Complementary

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



84, 45.131, 99.364



60, 49.169, 291.125

Rectangle

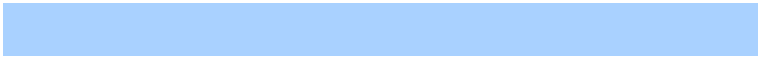
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 45.131, 99.364



84, 45.131, 149.364



84, 45.131, 279.364



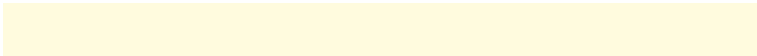
84, 45.131, 329.364

Sweetspot

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



84, 45.132, 99.367



98, 14.711, 102.885



63, 41.287, 14.171



52, 10.297, 102.643



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 45.132, 99.367



93, 59.981, 98.276



85, 52.908, 121.951



47, 5.788, 103.279



63, 67.133, 93.719



17, 24.675, 96.063

Inverse Universe

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



60, 49.169, 291.125



60, 67.324, 293.331



59, 57.707, 307.165



44, 5.881, 285.389



23, 94.327, 304.285



3, 28.794, 293.018

Previews

White Background



This preview shows how the CIELCh color 84, 45.131, 99.364 looks on a white background.

Color Contrast Check

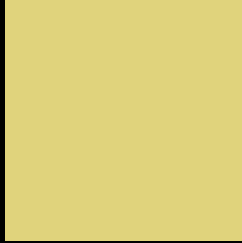
Large Text (above 18pt) WCAG AA × Fail

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 84, 45.131, 99.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

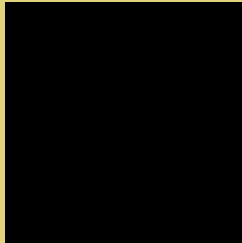
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 45.131, 99.364

Background



This preview shows how black text looks on a background with the CIELCh color 84, 45.131, 99.364.

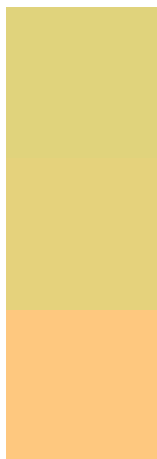


This preview shows how white text looks on a background with the CIELCh color 84, 45.131, 99.364.

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

84, 45.131, 99.364

Protanopia

84, 45.085, 96.154

Deuteranopia

84, 44.917, 76.304



Tritanopia
84, 15.014, 346.525

Trichromacy



Original Color
84, 45.131, 99.364

Protanomaly
84, 44.931, 97.204

Deuteranomaly
84, 43.994, 84.704

Tritanomaly
84, 14.971, 67.088

Monochromacy



Original Color
84, 45.131, 99.364

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 16.401, 101.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 45.131, 99.364 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(224, 211, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 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(224, 211, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 45.131, 99.364 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(224, 211, 124) }
```

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

```
.border{ border-color:rgb(224, 211, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 45.131, 99.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 124) }
```

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

```
.background{ background-color: rgb(224,  
211, 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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