

Converting Colors

CIELCh(78, 45.443, 91.352)

Have a look what the booklet for
CIELCh(78, 45.443, 91.352) contains.

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Color

CIELCh(78, 45.565, 91.327)

Conversions

Conversions Part 1

Format	Color
Hex	DABF6B
RGB	218, 191, 107
RGB Percent	85%, 75%, 42%
CMY	0.1452, 0.2511, 0.5805
CMYK	0.00, 0.12, 0.51, 0.15
HSL	45°, 60%, 64%
HSV	45°, 51%, 85%
XYZ	50.1823, 53.2120, 21.5292
YIQ	189.4970, 43.0560, -20.4000

Conversions

Conversions Part 2

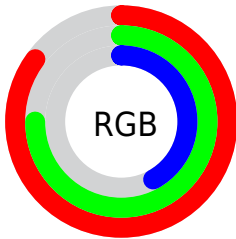
Format	Color
RYB	143, 218, 107
Decimal	14335851
CIELab	78.00, -1.06, 45.55
CIELCh	78, 45.565, 91.327
Yxy	53.2120, 0.4017, 0.4260
Android (android.graphics.Color)	4292525931 (0xFFDABF6B)
YUV	189.4970, -40.6710, 24.9971
Hunter-Lab	72.9466, -4.8606, 33.5639

Details

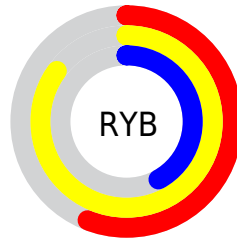
The CIELCh color **78, 45.565, 91.327** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 48.026, 286.570**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 43.847, 102.609**, and **58, 45.830, 91.346** is the 20% darker color. If you saturate the color by 10%, you get **76, 54.090, 89.988**, and if you desaturate by 10%, it is **80, 36.680, 92.641**.

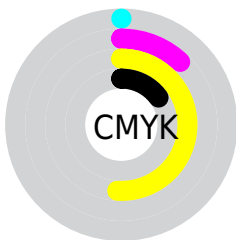
Distribution



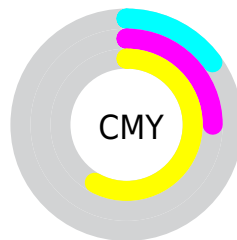
- Red (85%)
- Green (75%)
- Blue (42%)



- Red (56%)
- Yellow (85%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (51%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 45.565, 91.327 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 78, 45.565, 91.327 by changing the saturation by 10% instead.

 78, 45.565, 91.327

 78, 45.565, 91.327

 100, 45.565,
91.327

 68, 45.565, 91.327

 98, 45.565, 91.327

 58, 45.565, 91.327

 48, 45.565, 91.327

 38, 45.565, 91.327

 28, 45.565, 91.327

 18, 45.565, 91.327

 8, 45.565, 91.327

 0, 45.565, 91.327

 78, 45.565, 91.327

 78, 45.565, 91.327

76, 54.090, 89.988

80, 36.680, 92.641

75, 61.866, 88.599

81, 27.660, 93.924

73, 68.291, 87.122

83, 18.634, 95.174

72, 72.608, 85.479

85, 9.670, 96.382

71, 74.568, 83.795

87, 0.801, 97.336

89, 7.956, 278.735

91, 14.301,
277.588

92, 12.204,
265.987

93, 10.780,
250.634

Harmonies

Complementary

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



78, 45.565, 91.327



57, 48.026, 286.570

Rectangle

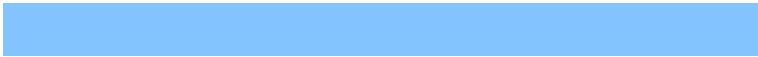
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 45.565, 91.327



78, 45.565, 141.327



78, 45.565, 271.327



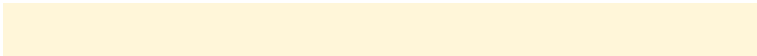
78, 45.565, 321.327

Sweetspot

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



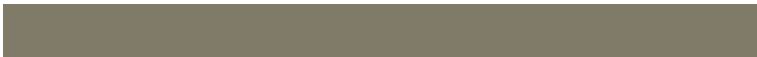
78, 45.566, 91.331



97, 15.125, 95.879



59, 46.532, 6.639



51, 10.332, 95.622



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 45.566, 91.331



88, 61.466, 89.904



83, 57.177, 116.811



45, 5.046, 96.556



57, 62.947, 84.136



14, 20.931, 87.345

Inverse Universe

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



57, 48.026, 286.570



60, 66.428, 289.409



53, 64.547, 304.266



43, 5.088, 278.873



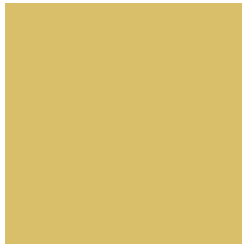
26, 82.959, 300.741



4, 24.687, 288.873

Previews

White Background



This preview shows how the CIELCh color 78, 45.565, 91.327 looks on a white background.

Color Contrast Check

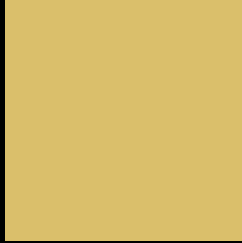
Large Text (above 18pt) WCAG AA × Fail

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 78, 45.565, 91.327 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 78, 45.565, 91.327

Background



This preview shows how black text looks on a background with the CIELCh color 78, 45.565, 91.327.

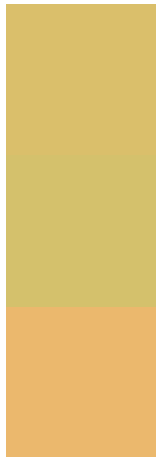


This preview shows how white text looks on a background with the CIELCh color 78, 45.565, 91.327.

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

78, 45.565, 91.327

Protanopia

78, 45.151, 95.681

Deuteranopia

78, 45.859, 77.693



Tritanopia
78, 18.449, 357.208

Trichromacy



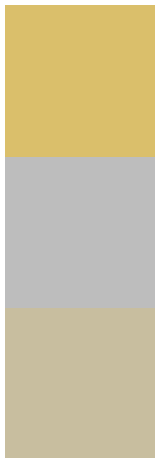
Original Color
78, 45.565, 91.327

Protanomaly
78, 44.977, 93.991

Deuteranomaly
78, 45.686, 82.894

Tritanomaly
78, 19.314, 57.411

Monochromacy



Original Color
78, 45.565, 91.327

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 17.009, 95.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 45.565, 91.327 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(218, 191, 107)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 107)  
}
```

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(218, 191, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 45.565, 91.327 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(218, 191, 107) }
```

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

```
.border{ border-color:rgb(218, 191, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 107);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 45.565, 91.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 107) }
```

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

```
.background{ background-color: rgb(218,  
191, 107) }
```

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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