

Converting Colors

CIELCh(88, 22.577, 94.311)

Have a look what the booklet for
CIELCh(88, 22.577, 94.311) contains.

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Color

CIELCh(88, 22.465, 94.320)

Conversions

Conversions Part 1

Format	Color
Hex	EADCB2
RGB	234, 220, 178
RGB Percent	92%, 86%, 70%
CMY	0.0814, 0.1363, 0.3011
CMYK	0.00, 0.06, 0.24, 0.08
HSL	45°, 57%, 81%
HSV	45°, 24%, 92%
XYZ	67.7231, 72.0653, 52.5793
YIQ	219.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

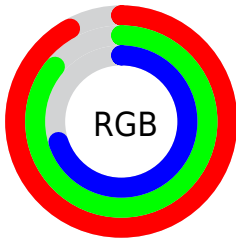
Format	Color
RYB	197, 234, 178
Decimal	15391922
CIELab	88.00, -1.69, 22.40
CIELCh	88, 22.465, 94.320
Yxy	72.0653, 0.3521, 0.3746
Android (android.graphics.Color)	4293582002 (0xFFEADCB2)
YUV	219.3980, -20.4092, 12.8060
Hunter-Lab	84.8913, -6.1590, 22.7013

Details

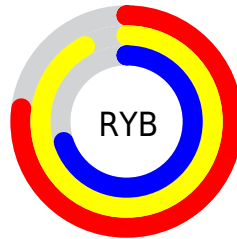
The CIELCh color **88, 22.465, 94.320** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 22.836, 280.596**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **68, 22.533, 93.974** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.994, 93.053**, and if you desaturate by 10%, it is **90, 12.995, 95.561**.

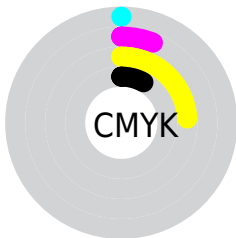
Distribution



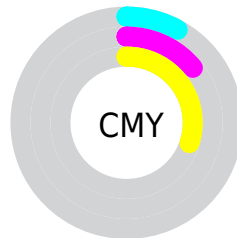
- Red (92%)
- Green (86%)
- Blue (70%)



- Red (77%)
- Yellow (92%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (8%)

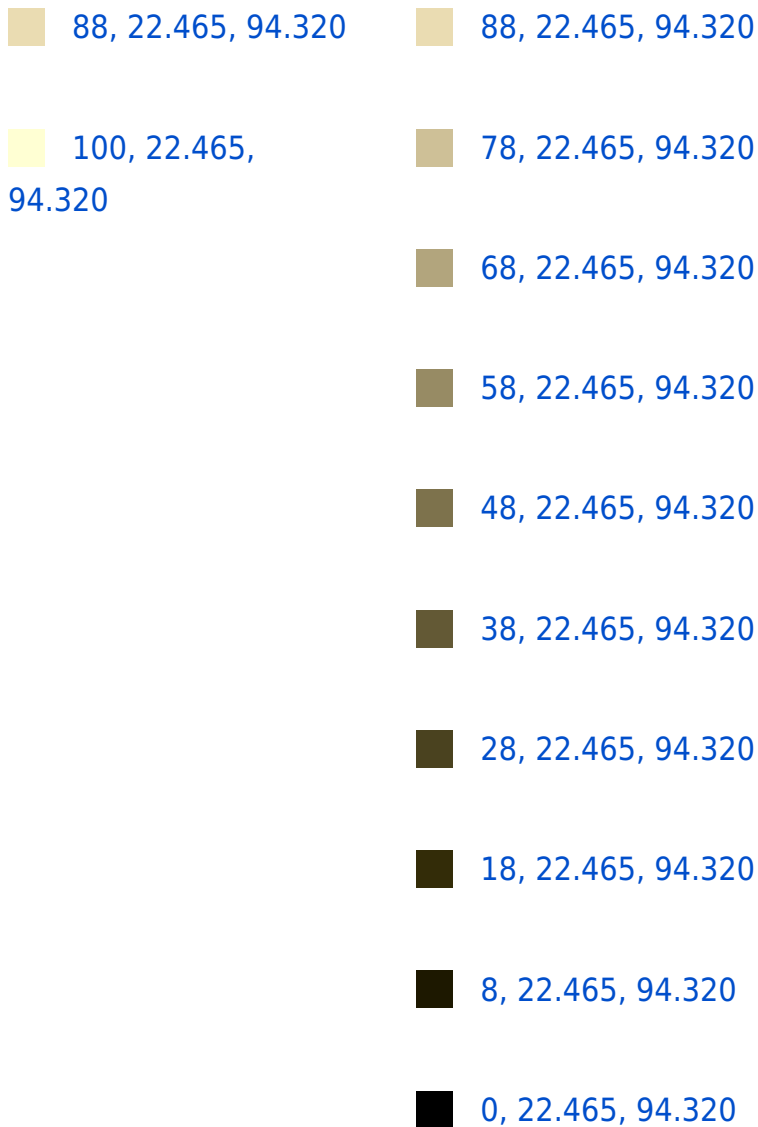


- Cyan (8%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 22.465, 94.320 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 88, 22.465, 94.320 by changing the saturation by 10% instead.



88, 22.465, 94.320

88, 22.465, 94.320

86, 31.994, 93.053

90, 12.995, 95.561

84, 41.491, 91.747

92, 3.623, 96.720

82, 50.797, 90.411

94, 5.628, 277.972

81, 59.623, 89.037

96, 6.597, 261.407

79, 67.489, 87.600

97, 5.883, 227.744

78, 73.676, 86.045

99, 7.106, 199.049

76, 77.379, 84.271

75, 78.528, 83.075

Harmonies

Complementary

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



88, 22.465, 94.320



78, 22.836, 280.596

Rectangle

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



88, 22.465, 94.320



88, 22.465, 144.320



88, 22.465, 274.320



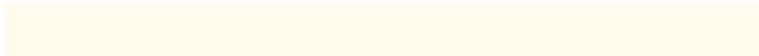
88, 22.465, 324.320

Sweetspot

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



88, 22.466, 94.326



98, 6.969, 96.376



78, 22.430, 2.064



52, 4.531, 96.306



0, 0.000, 0.000



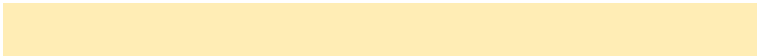
53, 0.007, 296.813

Same Dimension

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



88, 22.466, 94.326



94, 29.260, 93.666



91, 29.223, 118.399



48, 5.297, 96.092



59, 64.835, 83.453



17, 24.702, 86.270

Inverse Universe

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



78, 22.836, 280.596



81, 29.871, 281.508



76, 30.719, 301.642



46, 5.337, 278.440



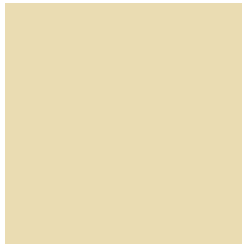
27, 85.179, 300.564



5, 29.477, 292.214

Previews

White Background



This preview shows how the CIELCh color 88, 22.465, 94.320 looks on a white background.

Color Contrast Check

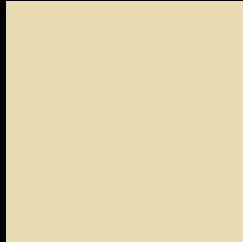
Large Text (above 18pt) WCAG AA × Fail

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 88, 22.465, 94.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

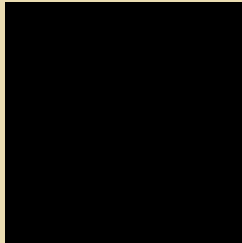
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

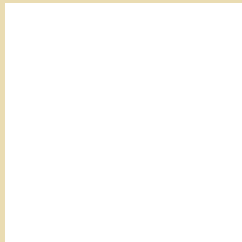
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 22.465, 94.320

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.465, 94.320.

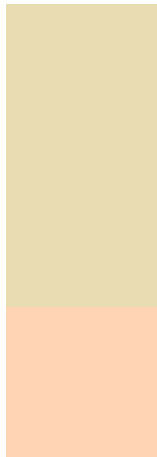


This preview shows how white text looks on a background with the CIELCh color 88, 22.465, 94.320.

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

88, 22.465, 94.320

Protanopia

88, 22.465, 94.320

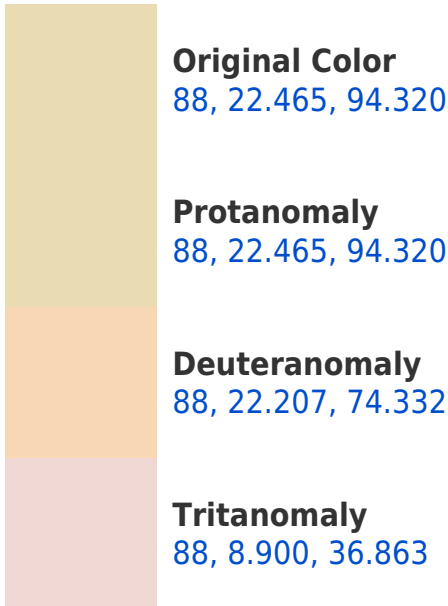
Deuteranopia

88, 23.536, 63.040



Tritanopia
88, 13.439, 339.154

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.465, 94.320 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(234, 220, 178)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 178)  
}
```

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(234, 220, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.465, 94.320 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(234, 220, 178) }
```

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

```
.border{ border-color:rgb(234, 220, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 178);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.465, 94.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 178) }
```

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

```
.background{ background-color: rgb(234,  
220, 178) }
```

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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