

Converting Colors

`RYB(173, 225, 165)`

Have a look what the booklet for
RYB(173, 225, 165) contains.

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Color

R_YB(173, 225, 165)

Conversions

Conversions Part 1

Format	Color
Hex	E1DAA5
RGB	225, 218, 165
RGB Percent	88%, 85%, 65%
CMY	0.1176, 0.1453, 0.3529
CMYK	0.00, 0.03, 0.27, 0.12
HSL	53°, 50%, 76%
HSV	53°, 27%, 88%
XYZ	62.8990, 68.8365, 45.5689
YIQ	214.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

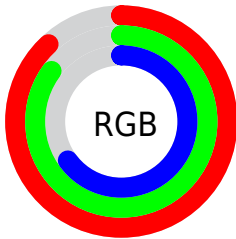
Format	Color
RYB	173, 225, 165
Decimal	14801573
CIELab	86.42, -5.76, 26.99
CIELCh	86, 27.599, 102.048
Yxy	68.8365, 0.3548, 0.3882
Android (android.graphics.Color)	4292991653 (0xFFE1DAA5)
YUV	214.0510, -24.1821, 9.6023
Hunter-Lab	82.9677, -9.8702, 25.5132

Details

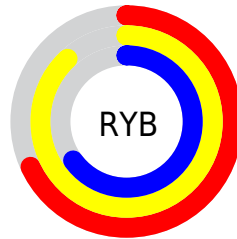
The RYB color **173, 225, 165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165, 171, 225**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **220, 255, 220**, and **120, 169, 113** is the 20% darker color. If you saturate the color by 10%, you get **154, 225, 143**, and if you desaturate by 10%, it is **192, 225, 188**.

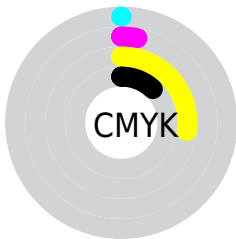
Distribution



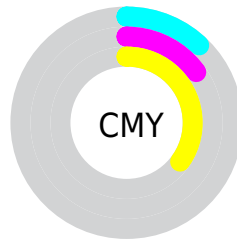
- Red (88%)
- Green (85%)
- Blue (65%)



- Red (68%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 225, 165 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 RYB color 173, 225, 165 by changing the saturation by 10% instead.


 173, 225, 165


255, 255, 255

 220, 255, 220

 249, 255, 249

 173, 225, 165


 146, 197, 138

 120, 169, 113

 94, 142, 88

 68, 116, 64

 45, 91, 41

 21, 66, 19

 2, 44, 0

 0, 22, 3

 0, 0, 0

 173, 225, 165


 173, 225, 165

 154, 225, 143

 192, 225, 188

 134, 225, 120

 212, 225, 210

 115, 225, 98

 225, 226, 233

 95, 225, 75


 225, 229, 255

 76, 225, 53

 225, 230, 255

 56, 225, 30

 225, 232, 255

 38, 225, 8

 225, 233, 255

 29, 225, 0

 225, 235, 255

 225, 236, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 250, 167



173, 225, 165



177, 225, 207

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173, 225, 165



143, 191, 250



255, 199, 233

Complementary

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



173, 225, 165



165, 171, 225

Split Complementary

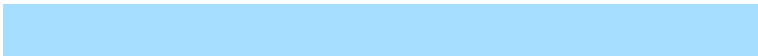
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 206, 255



173, 225, 165



165, 200, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173, 225, 165



145, 189, 231



199, 211, 255



255, 198, 206

Rectangle

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



173, 225, 165



176, 217, 229



199, 211, 255



252, 201, 241

Sweetspot

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



173, 225, 165



237, 255, 235



225, 165, 173



117, 128, 115



0, 0, 0



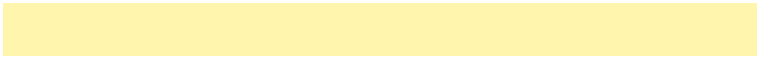
128, 128, 128

Same Dimension

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



173, 225, 165



184, 255, 173



165, 225, 187



102, 112, 101



24, 176, 0



6, 48, 0

Inverse Universe

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



165, 171, 225



173, 182, 255



187, 165, 225



101, 102, 112



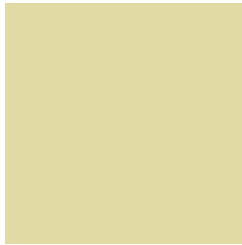
0, 19, 176



0, 5, 48

Previews

White Background



This preview shows how the RYB color 173, 225, 165 looks on a white background.

Color Contrast Check

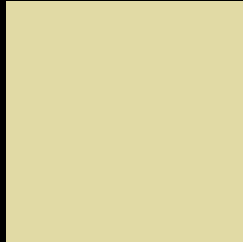
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 173, 225, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

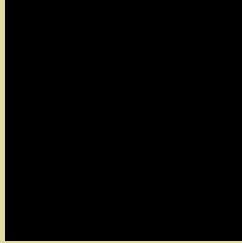
Any Text WCAG AA ✓ Pass

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](#).

RYB 173, 225, 165 Background



This preview shows how black text looks on a background with the RYB color 173, 225, 165.



This preview shows how white text looks on a background with the RYB color 173, 225, 165.

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
173, 225, 165

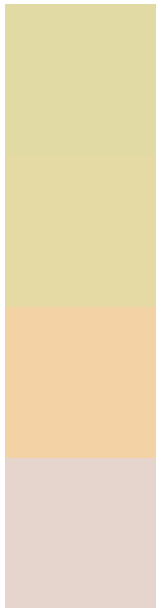
Protanopia
183, 231, 164

Deuteranopia
254, 241, 167



Tritanopia
233, 210, 226

Trichromacy



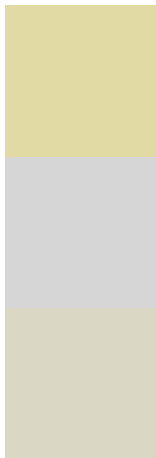
Original Color
173, 225, 165

Protanomaly
179, 229, 164

Deuteranomaly
221, 243, 166

Tritanomaly
230, 218, 204

Monochromacy



Original Color
173, 225, 165

Achromatopsia
214, 214, 214

Achromatomaly
199, 218, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 225, 165 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(225, 218, 165)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 165)  
}
```

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(225, 218, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 165) }
```

Border

The CSS property to change the border of an element to RYB 173, 225, 165 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(225, 218, 165) }
```

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

```
.border{ border-color:rgb(225, 218, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 165);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 173, 225, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 165) }
```

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

```
.background{ background-color: rgb(225,  
218, 165) }
```

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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